FUJIFILM

Exif Print

xD-Picture Card

Designed for Microsoft® Windows® XP

digital
Tools for the imagination.

DIGITAL CAMERA

FinePix2650

2.0 MEGA PIXELS

Getting Ready 1

Basic Photography 2

Advanced Features Photography 3

Advanced Features Playback 4

Settings 5

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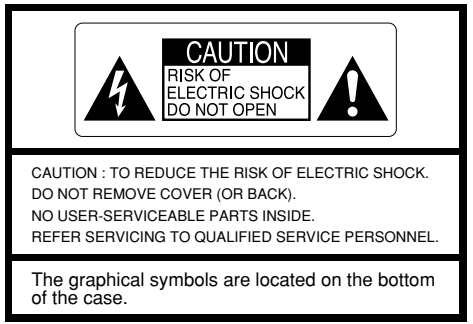
Using FinePixViewer 8

OWNER'S MANUAL This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix2650 correctly. Please follow the instructions carefully.

BL00201-200 (1) E

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF
ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK.
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
The graphical symbols are located on the bottom of the case.

This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

For customers in the U.S.A.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user’s authority to operate the equipment.

Notes on the Grant:

To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core USB cable and DC supply cord.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (➡P.119) and make sure you understand them before using the camera.

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Preface

■ Test Shots Prior to Photography

For particularly important photographs (such as weddings and overseas trips), always take a test photograph and view the image to make sure that the camera is functioning normally.

- Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the cost of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal

If the LCD monitor or display panel is damaged, take particular care with the liquid crystal in the monitor or panel. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin
  Wipe the area with a cloth and then wash thoroughly with running water and soap.
- If liquid crystal gets into your eye
  Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed
  Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference

If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

■ Trademark Information

- IBM PC/AT is a registered trademark of International Business Machines Corp. of the U.S.
- iMac and Macintosh are registered trademarks of Apple Computer, Inc.
- QuickTime and the QuickTime logo are trademarks used under license. The QuickTime logo is registered in the U.S. and other countries.
- Adobe Acrobat® Reader™ is a trademark of Adobe Systems Incorporated of the U.S.
- Microsoft , Windows, the Windows logo and DirectX are either trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft Windows Operating System.

✻ The “Designed for Microsoft Windows XP” logo refers to the camera and the driver only.

- xD-Picture Card and other company or product names are trademarks or registered trademarks of the respective companies.

■ Exif Print (Exif ver. 2.2)

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

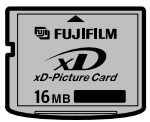
Accessories and Attaching the Strap

Accessories

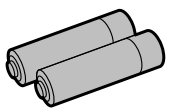
●16 MB, xD-Picture Card (1)

Supplied with:

- Anti-static case (1)



●LR6 AA-size alkaline Batteries (2)



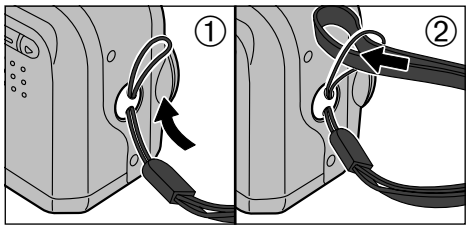
●Hand strap (1)

●USB Interface Set (1)

- CD-ROM: Software for FinePix SX (1)
- USB cable with Noise Suppression core (1)

●Owner’s Manual (this manual) (1)

Attaching the Strap

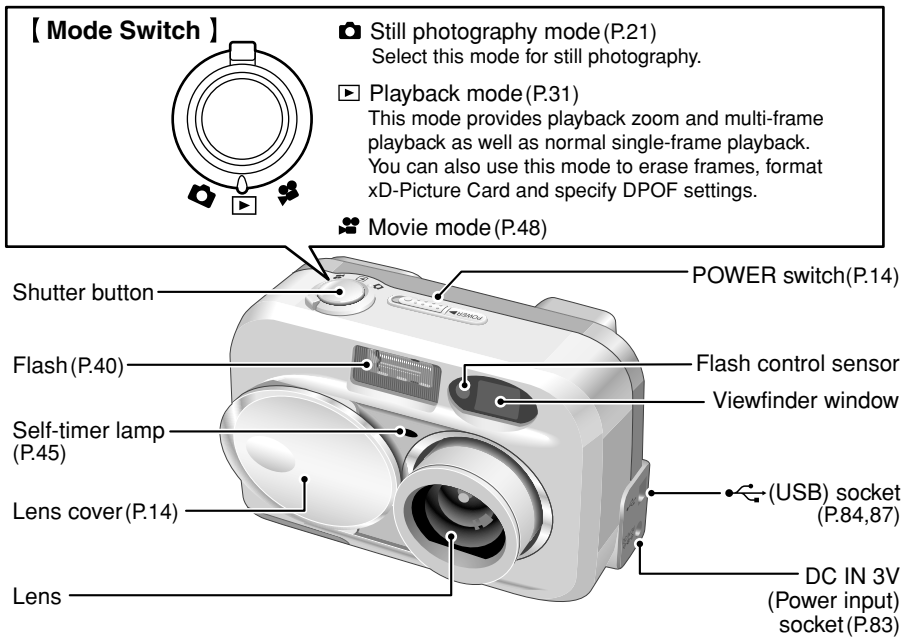


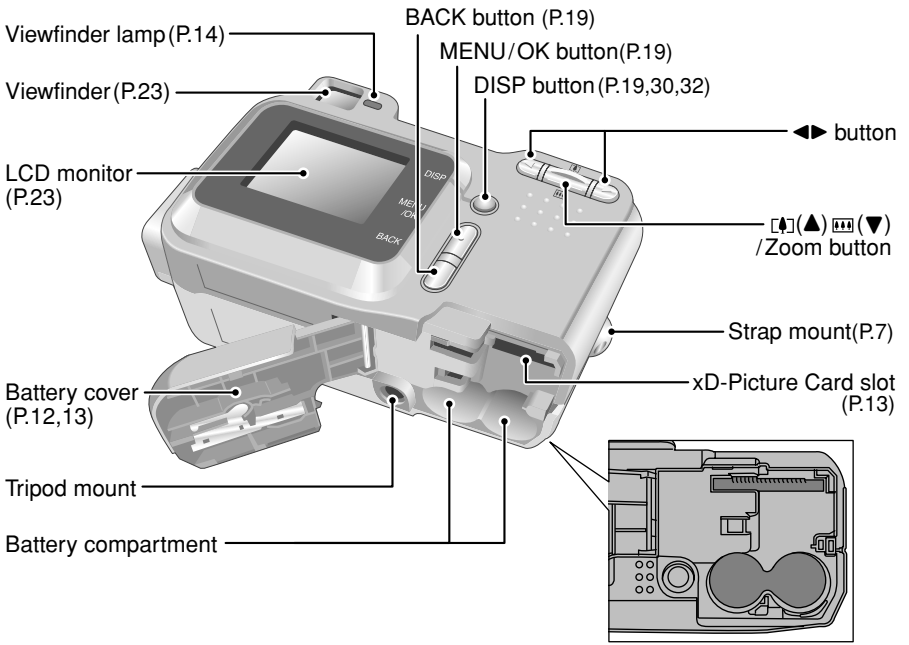
①Pass the loop of this cord on the end of the strap through the strap mount.

②Then pass the other end of the strap through the loop of the thin cord and pull the strap tight.

Nomenclature

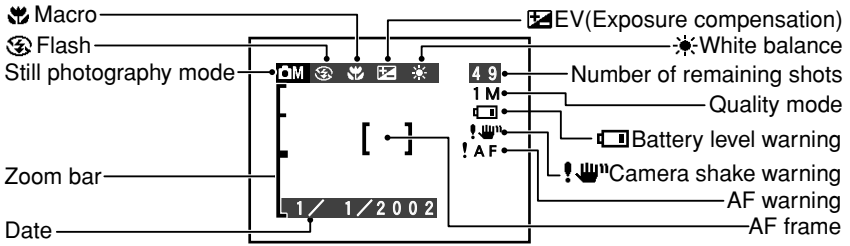
✻ Refer to the pages in parentheses for information on using the camera features.


【 Mode Switch 】
Still photography mode (P.21)
Select this mode for still photography.
Playback mode (P.31)
This mode provides playback zoom and multi-frame playback as well as normal single-frame playback. You can also use this mode to erase frames, format xD-Picture Card and specify DPOF settings.
Movie mode (P.48)
Shutter button
POWER switch (P.14)
Flash (P.40)
Flash control sensor
Viewfinder window
Self-timer lamp (P.45)
(USB) socket (P.84,87)
Lens cover (P.14)
DC IN 3V (Power input) socket (P.83)
Lens

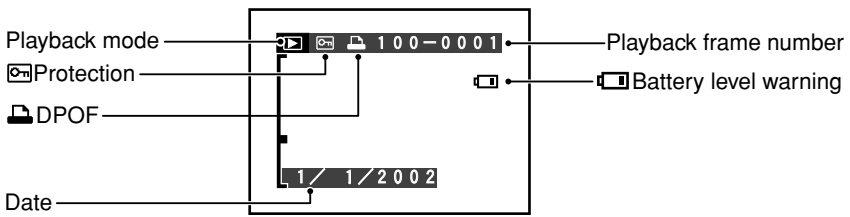


Nomenclature (Sample display)

Example of LCD Monitor Text Display: Still photography mode



Example of LCD Monitor Text Display: Playback mode



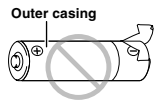
LOADING THE BATTERIES AND xD-Picture Card

Compatible batteries

Use two AA-size alkaline batteries or two AA-size nickel-metal hydride (Ni-MH) batteries.

◆ Notes on Handling Batteries ◆

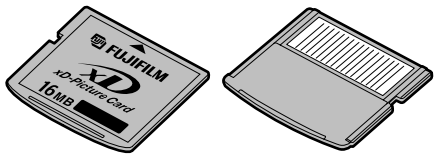
- It is recommended that you use the same brand of alkaline batteries as those supplied with the camera.
- Never use a battery when the outer casing is split or peeling as this could result in a short-circuit and cause major problems due to battery fluid leakage or overheating.



- Do not use different types of batteries or old and new batteries together.
- You cannot use lithium, manganese or nickel-cadmium (Ni-Cd) batteries.
- The operating lives of alkaline batteries vary between brands and the life of batteries you purchase may be shorter than the alkaline batteries provided with the camera. Note also that due to the nature of alkaline batteries, the time for which they can be used is shorter in cold locations (at temperatures of +10°C (+50°F) or below). Consequently, Ni-MH batteries are recommended.
- Soil (fingerprints, etc) on the terminals of batteries can greatly reduce the time for which the batteries provide power.
- You will need the optional charger (➡P.102) to recharge Ni-MH batteries.
- See P.105 for notes on using batteries.

xD-Picture Card (sold separately)

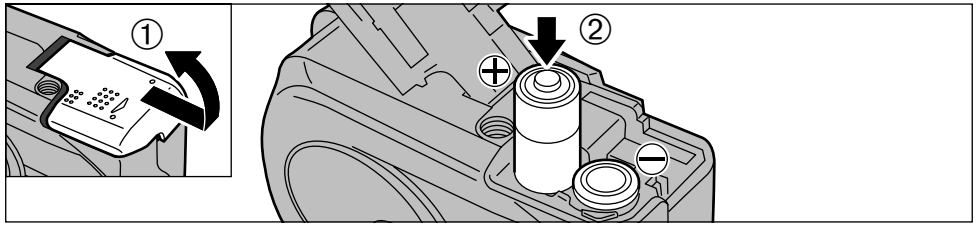
DPC-16 (16MB)
DPC-32 (32MB)
DPC-64 (64MB)
DPC-128 (128MB)



Front Back

- Operation of this camera is only guaranteed when it is used with FUJIFILM xD-Picture Card.
- Because xD-Picture Cards are small, they can be accidentally swallowed by small children. Be sure to store xD-Picture Cards out of the reach of small children. If a child accidentally swallows an xD-Picture Card, seek medical advice immediately.
- See P.108-109 for more information on xD-Picture Card.

LOADING THE BATTERIES AND xD-Picture Card



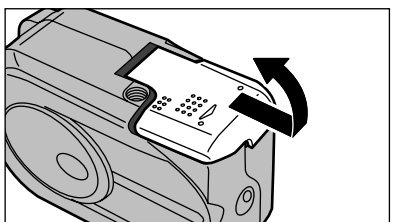
①Slide the battery cover out to open it.
②Load the batteries correctly as shown.

Do not apply excessive force to the battery cover.

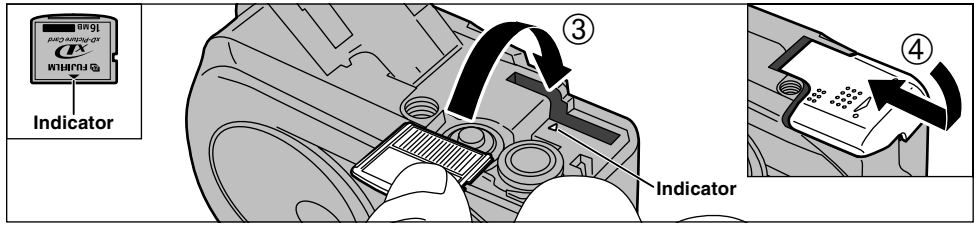
Do not open the battery cover while the camera is still switched on. This could damage the xD-Picture Card or corrupt the image files on the xD-Picture Card .

◆ When you want to replace the battery ◆

Check that the camera is switched off, open the battery cover and then remove the battery.



Take care not to drop the battery when opening and closing the battery cover.

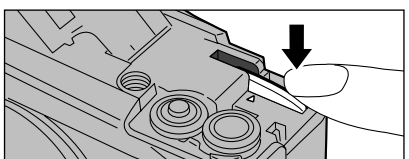


③ Push the xD-Picture Card firmly into the xD-Picture Card slot as far as it will go.
④ Close the battery cover.

If you open the battery cover while the camera is still switched on, the camera is automatically switched off to protect the xD-Picture Card.
The xD-Picture Card will not slide fully into the slot if it is inserted facing the wrong way. Be careful not to apply undue force to the xD-Picture Card.
When storing xD-Picture Card, always use the anti-static case provided.

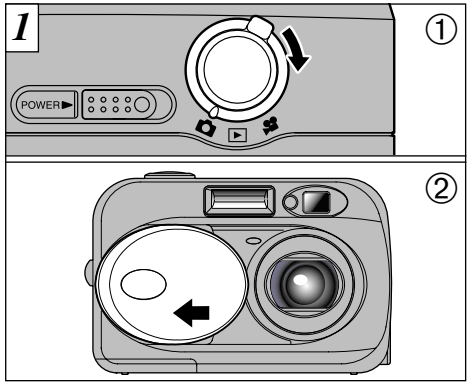
◆ Replacing an xD-Picture Card ◆

When you push the xD-Picture Card into the slot and then slowly remove your finger, the lock is released and the xD-Picture Card is pushed out. You can then pull the xD-Picture Card the rest of the way out.



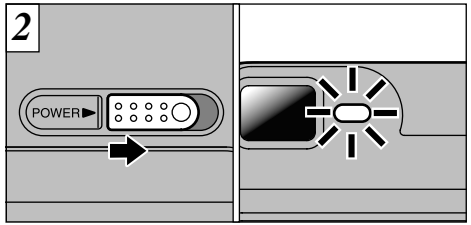
Take care not to remove your finger too quickly after the lock is released, as the card may spring completely out of the slot.

SWITCHING ON AND OFF



①Use the Mode switch to select the mode you want to use.
②If you want to use the camera in Still photography/Movie mode, open the lens cover. If the "[! LENS COVER]" warning message appears on the LCD monitor, slide the lens cover completely.

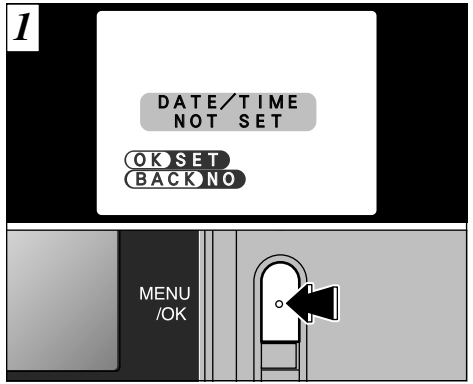
! Open and close the lens cover by fitting your finger into the indentation in the cover.



When you slide the "POWER" switch sideways to switch the camera on, the green viewfinder lamp lights. To switch the camera off, slide the "POWER" switch sideways again.

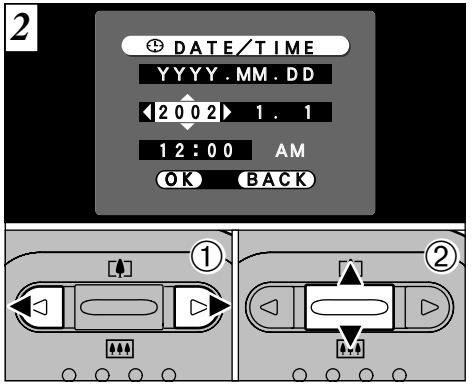
! Take care not to press on the lens when it is extending or while you are taking a shot as this could cause a camera fault.

SETTING THE DATE AND TIME



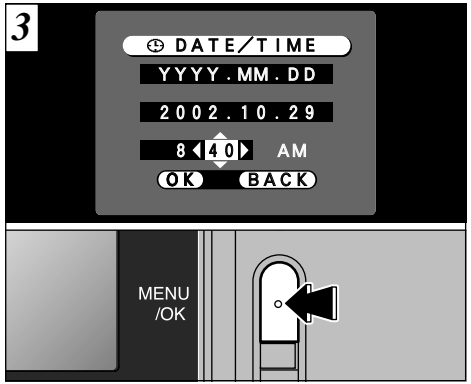
When you first switch the camera on, the date is cleared. Press the "MENU/OK" button to set the date and time.

! To set the date and time later, press the "BACK" button.
! If you do not set the date and time, this confirmation screen will appear each time you switch the camera on.



① Use "◀" or "▶" to select Year, Month, Day, Hour or Minute.
② Press "▲" or "▼" to set the number.

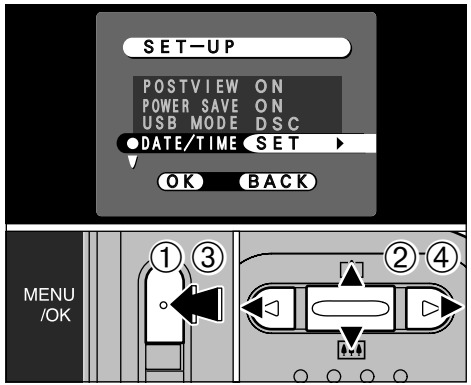
! If you hold down "▲" or "▼", the numbers change continuously.
! When the time displayed passes "12:00", the AM/PM setting automatically switches.



Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button switches the camera to still photography or Playback mode.

- You cannot set the seconds, but you can set the time more accurately by pressing the "MENU/OK" button when the time on your reference clock is at zero seconds.
- If the camera is left for 30 minutes or longer with the batteries removed and the AC power adapter disconnected, the date and time settings may revert to the factory default settings. If this occurs, reset the date and time.

Changing the date and time

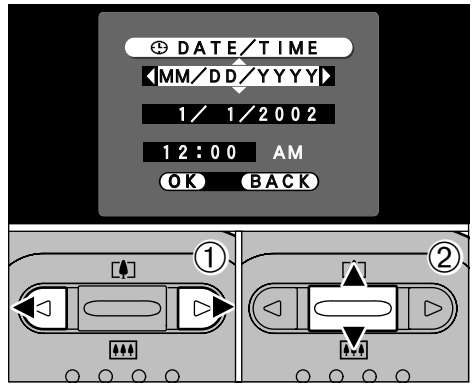


To change the date and time:

① Press the "MENU/OK" button.
② Use "◀" or "▶" to select "SET" OPTION and then use "▲" or "▼" to select "SET–UP".
③ Press the "MENU/OK" button.
④ Select "DATE/TIME" and press "▶".

See P.15 for information on setting the date and time.

To change the date display format



① Press "◀" or "▶" to select the date format.
② Press "▲" or "▼" to set the format. Refer to the table below for details of the settings.

Setting	Explanation
YYYY.MM.DD	Displays the date in the "year.month. day" format.
MM/DD/YYYY	Displays the date in the "month/day/ year" format.
DD.MM.YYYY	Displays the date in the "day.month. year" format.

◆ Checking the remaining battery charge ◆

Switch the camera on and check that no battery level warning (or) is displayed on the LCD monitor. If no icon indicating the remaining battery charge is displayed, the battery has ample charge.

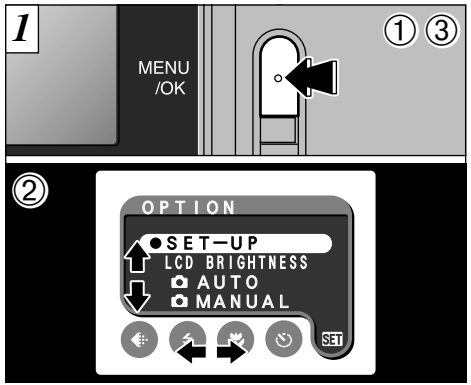
- **Lit red:**
  Battery charge low. Replace or recharge the battery as it will run out shortly.
- **Blinking red:**
  The battery is exhausted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery.

- The above estimates are for the Still photography modes. In Playback mode, the transition from "" to "" may take less time.

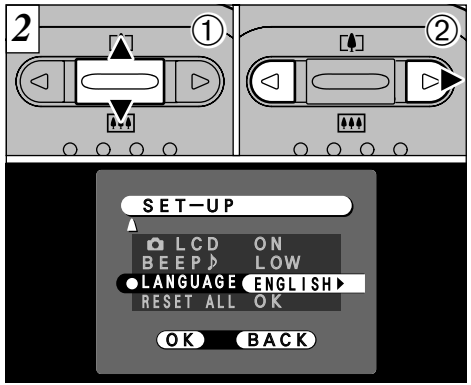
◆ Power Save Function ◆

If the camera is not used for 2 minutes, this function automatically switches it off.
When this function is enabled, the LCD monitor switches off to conserve battery power if the camera is not used in any way for 30 seconds (See P.70 for details).

SELECTING THE LANGUAGE



①Press the “MENU/OK” button to display the menu screen.
②Use “▲”, “▼”, “◀” or “▶” to select “SET–UP” from the “SET” OPTION menu.
③Press the “MENU/OK” button.



①The “SET–UP” screen appears. Use “▲” or “▼” to select “LANGUAGE”.
②Use “▶” to select “ENGLISH”, “FRANCAIS” or “DEUTSCH”. You can cycle through the language settings by pressing “▶”.

! The screens in this manual are shown in English.
! See P.68 for more information on the “SET” OPTION menu.

BASIC OPERATION GUIDE

● DISP button

You can use this button to select the LCD monitor display mode.

When shooting : Switches the LCD monitor on and off or displays the framing guides.

During playback : Switches text display on and off or selects multi-frame playback.

● MENU/OK button

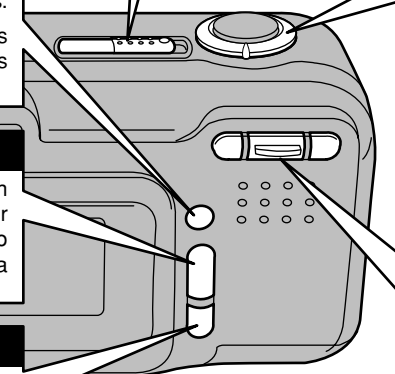
Displays the menu screen when you are shooting or playing back images. You also press this button to confirm a menu selection.

● BACK button

Press this button to stop a procedure midway through.

● POWER switch

Slide this switch to turn the camera on and off.



● Switching between still photography, playback and movies

Still photography
For recording still images.

Playback
For playing back recorded data.

Movie
For recording movies.

● Main actions performed by ▲, ▼, ◀ and ▶

◀▶button :
Change frame in playback.

▲▼button :
Digital zoom, Playback zoom.

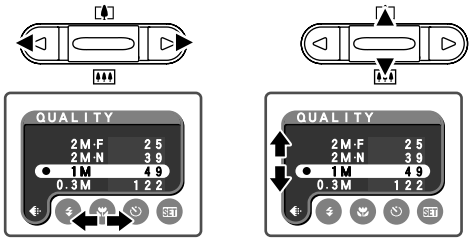
●Using the Menus

MENU /OK

①Display the menu.
Press the "MENU/OK" button.

②Select a menu option.
Press the "◀" or "▶".

③Select a setting.
Press the "▲" or "▼".

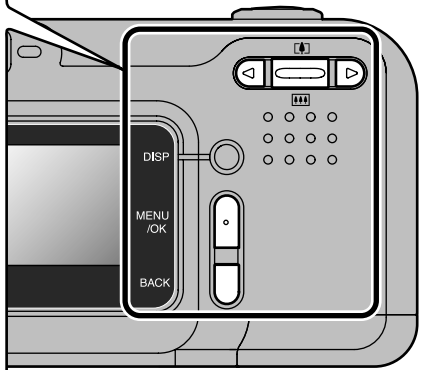


④Confirm your selection.
Press the "MENU/OK" button. MENU /OK

BACK

Press this button to stop a procedure midway through.

In the Owner's Manual,black triangles are used to indicate up,down (▲,▼) and left, right (◀,▶) respectively.

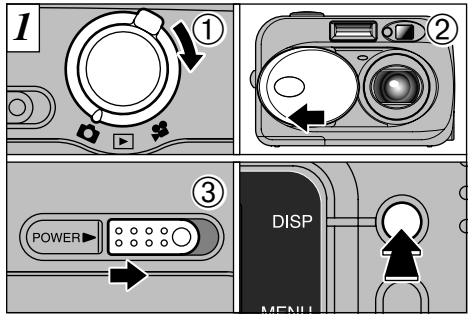


◇ Displaying the On-screen Help ◇

Help messages are displayed at the bottom of the screen to show you the next step to take. Press the button indicated.

DISP ZOOM

Press the "DISP" button to use the zoom.

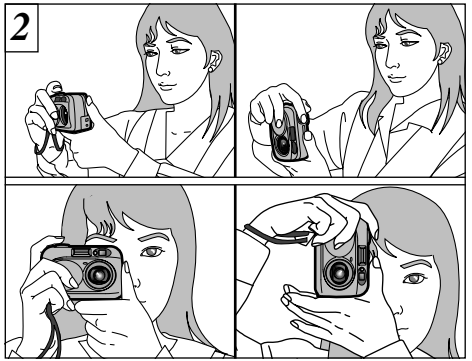


①Set the Mode switch to "".
②Open the lens cover. If the "! LENS COVER" warning message appears on the LCD monitor, slide the lens cover completely.
③Slide the "POWER" switch sideways to switch the camera on.

To take pictures using the LCD monitor, press the "DISP" button to switch the LCD monitor on.

● **Focal range:** Approx. 80 cm (2.6 ft.) to infinity

! If the "! NO CARD", "! CARD ERROR", "! CARD FULL" or "! CARD NOT INITIALIZED" message appears, see P.110.

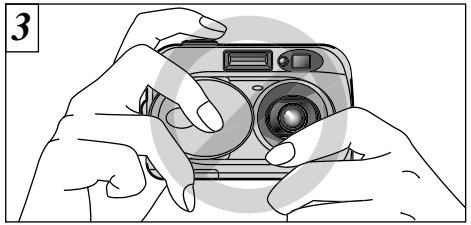


Loop the strap over your wrist, brace your elbows firmly against your body and hold the camera with both hands.

! For subjects closer than 80 cm (2.6 ft.), use Macro photography (➡P.43).
! To minimize power consumption, you should use the viewfinder (switch the LCD monitor off) to take pictures.
! Use a tripod to avoid camera shake, particularly for shots is dark situations when the flash is set to Suppressed Flash mode (➡P.40).

2

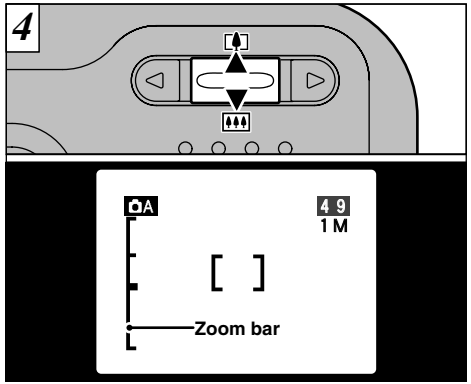
3



Ensure that your fingers or the camera strap do not obscure the lens or flash control sensor.

- There may be some unevenness in the brightness at the lower edge of the LCD monitor. This is normal and does not indicate a fault. This does not affect the photographed image.
- Check that the lens is clean. If it is dirty, clean the lens as described on P.104.
- If you use the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Try taking the shot with the flash mode set to Suppressed Flash.

4

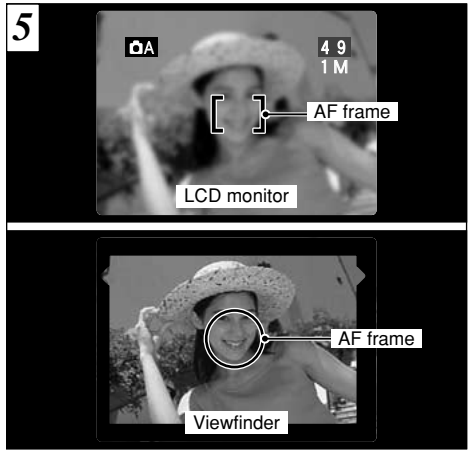


To zoom in on the subject, press "▲" (TELE). To zoom out, press "▼" (WIDE). A "zoom bar" appears on the LCD monitor when you zoom in or out.

- **Optical zoom focal length (35mm camera equivalent)**
  Approx. 38 mm-114 mm (1.5 in. to 4.5 in.)
  Maximum zoom scale: 3×

- Zooming stops briefly when the camera switches between optical zoom and digital zoom (➡P.29).

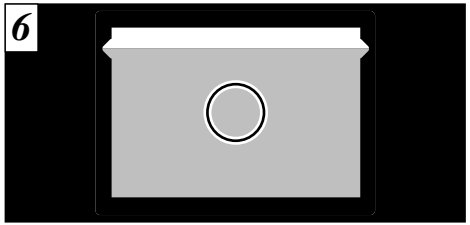
5



Using the viewfinder or LCD monitor, frame your shot so that the subject fills the entire AF (Auto Focus) frame.

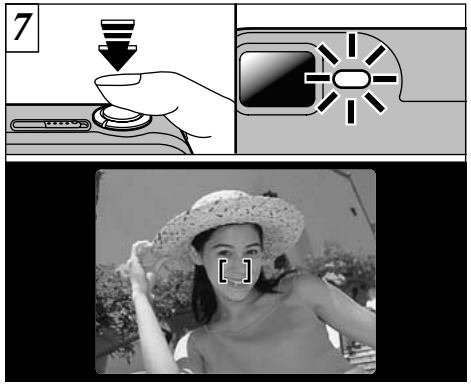
- If your subject is not in the center of the picture, use AF/AE lock to take the picture(➡P.27).

6



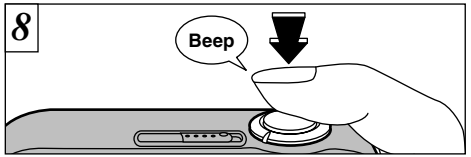
When you are using the viewfinder to take a picture at a distance of 0.8 m to 1.5 m (2.6 ft. to 4.9 ft.), only the shaded area in the figure is photographed.

- To frame your shot precisely, you should take the picture using the LCD monitor.
- In some conditions it may be difficult to see your subject clearly on the LCD monitor, such as in sunny weather outdoors or when you are shooting dimly lit scenes. In such situations, use the viewfinder to take the shot.
- The image shown on the LCD monitor before you take the shot may differ in its brightness, color, etc. from the image actually recorded. If necessary, play back the recorded image to check it (➡P.31).



Press the shutter button down halfway. The camera is focused when the AF frame on the LCD monitor shrinks and the green viewfinder lamp stops flashing and stays lit.

- If you press the shutter button down fully in one motion, the shot is taken without the AF frame changing.
- The viewfinder lamp flashes orange while the flash is charging. If the LCD monitor is switched on, the screen may go dark for a moment. This is normal and does not indicate a fault.
- The flash charging time may increase when the battery charge decreases.



To take the picture, press the shutter button down fully without lifting your finger off it. The camera beeps and takes the picture, and the data is then recorded.

- When you press the shutter button, there is a very short delay before the picture is actually taken.
- Since the amount of image data recorded is not fixed and varies depending on the subject (level of image detail, etc.), the number of available shots may not decrease after the image is recorded, or may decrease by 2.
- See P.110-112 for information on the warning displays.

The viewfinder lamp glows orange while the image is being recorded and no pictures can be taken. Also, do not switch the camera off or open the battery cover during image recording. Opening the cover during image recording could corrupt the image files.

■ Viewfinder Lamp Display

✻ When the LCD monitor is switched on, more detailed warning messages are displayed (➡P.110-112).

Display	Status
Lit green	Ready to shoot.
Blinking green	AF/AE in progress, camera shake warning or AF warning (Ready to shoot).
Blinking green and orange alternately	Recording to xD-Picture Card (Ready to shoot).
Lit orange	Recording to xD-Picture Card (Not ready).
Blinking orange	Flash charging. PC communication in progress (Flash will not fire).
Blinking red	● xD-Picture Card Warnings No card loaded, card not formatted, incorrect format, card full, xD-Picture Card error. ● Lens operation error.

◆ Subjects Not Suitable for Autofocus ◆

Though the FinePix 2650 uses an accurate autofocus mechanism, it may have difficulty focusing or not be able to focus at all for the types of subject and situation listed below. In such cases, the image may be out of focus.

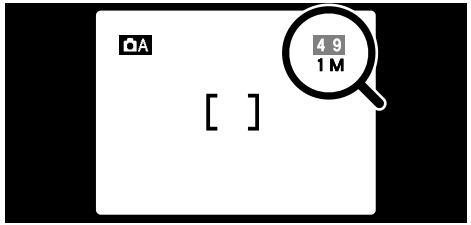
- Very shiny subjects such as a mirror or car body.
- Subjects photographed through glass.
- Subjects that do not reflect well, such as hair or fur.
- Subjects with no substance, such as smoke or flames.
- When the subject is dark.
- When there is very little contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background).
- Subjects moving at high speed.
- When something other than your subject is close to the AF frame, has contrasting areas of light and dark and is either closer or further away than your subject (as when you photograph someone against a background with strongly contrasting elements).

For subjects of this type, use AF/AE lock (➡P.27).

Number of Available Frames

The number of available shots is displayed on the LCD monitor.

- See P.39 for information on changing the quality.
- The default quality setting "" set at shipment is 1M.



■ Standard number of shots per xD-Picture Card

Because the amount of data recorded varies depending on the subject, the number of available shots may not decrease when recording ends, or may decrease by 2 frames. The discrepancy between the standard number of available shots and the actual number of available shots increases in proportion to the capacity of the xD-Picture Card.

Quality mode	2M • F	2M • N	1M	0.3M
Number of recorded pixels	1600 × 1200		1280 × 960	640 × 480
Image Data Size	Approx. 620 KB	Approx. 390 KB	Approx. 320 KB	Approx. 130 KB
DPC-16 (16 MB)	25	39	49	122
DPC-32 (32 MB)	50	79	99	247
DPC-64 (64 MB)	101	159	198	497
DPC-128 (128 MB)	204	319	398	997

✻ Number of available shots displayed on the camera for a new xD-Picture Card formatted in the camera.

In a shot with this type of composition, the subjects (two people in this case) are not in the AF frame. If the shot is taken at this point, the subjects will not be in focus.

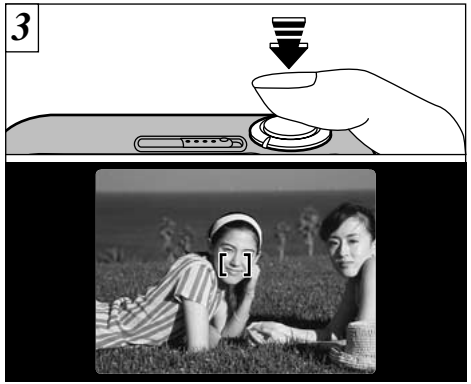
Move the camera slightly so that one of the subjects in the AF frame.

Continued over page...

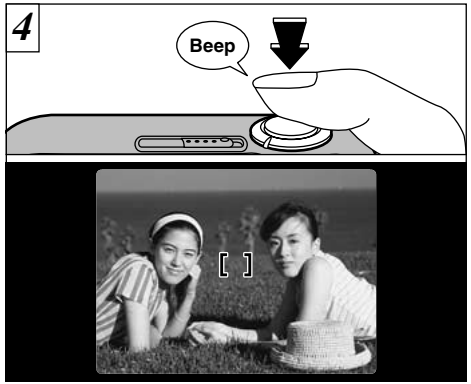
◆ AF (Autofocus)/AE (Auto exposure) Lock ◆

On the FinePix 2650, when you press the shutter button down half way, the focus and exposure settings are fixed (AF/AE lock). If you want to focus on a subject that is off to one side of the image or if you want to set the exposure before you compose the final shot, lock the AF and AE settings and then compose and shoot your picture to get the best results.

MODE USING AF/AE LOCK



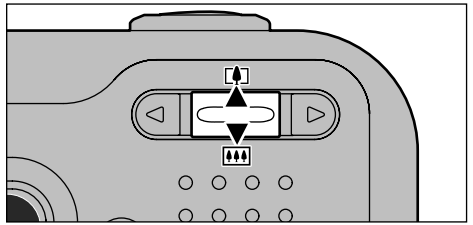
Without moving the camera, press the shutter button down halfway (AF/AE lock). Check that the AF frame on the LCD monitor has shrunk and the green viewfinder lamp has stopped flashing and is now lit.



Continue to hold the shutter button down halfway. Move the camera back to the original image and then fully press down on the shutter button.

- You can reapply the AF/AE lock as many times as you like before releasing the shutter.
- The AF/AE lock operates in all photography modes and can be used to ensure excellent results.

MODE USING THE ZOOM

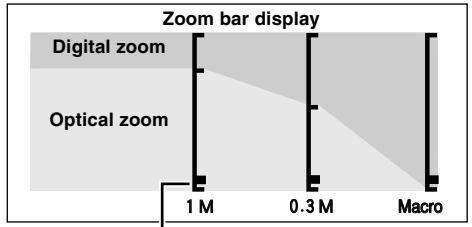


Press "▲" to zoom in and make your subject larger. Press "▼" when you want to zoom out and shoot a wider area. If you use the LCD monitor to take pictures, you can continue zooming with the digital zoom after the optical zoom finishes.

Mode	Quality	Digital zoom focal distance*	Max. Zoom Scale
Still photography	2M	Cannot be used	
	1M	Equivalent to approx. 114 mm-146 mm	Max. 1.3×
	0.3M	Equivalent to approx. 114 mm-285 mm	Max. 2.5×
Macro	1M	Equivalent to approx. 38 mm- 48 mm	Max. 1.3×
	0.3M	Equivalent to approx. 38 mm- 95 mm	Max. 2.5×

* 35 mm camera equivalent

- See P.39 for information on changing the quality setting.

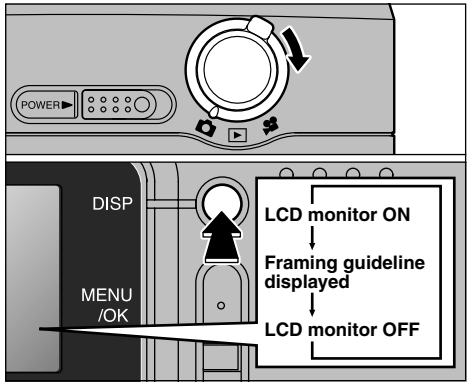


The position of the "■" on the zoom bar indicates the current zoom setting.

- If the "■" is above the dividing line, the digital zoom is being used. If it is below the line, the optical zoom is being used.
- Press "▲" or "▼" to move the "■" up and down.
- When you switch between digital zoom and optical zoom, the "■" stops moving briefly. Press the button for the same direction again to start the "■" moving and switch the zoom setting.

- If the image goes out of focus when you use the zoom, press the shutter button down halfway to refocus.
- The optical zoom is equivalent to approximately 38 mm-114 mm on a 35 mm camera.

MODE FRAMING GUIDELINE FUNCTION

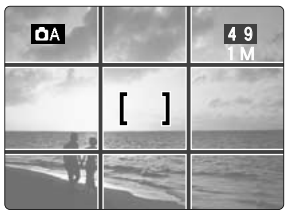


You can select the framing guide function in "📷" Still photography mode. The mode shown on the LCD monitor switches each time you press the "DISP" button. Press the "DISP" button to display the framing guideline.

- The framing guideline is not recorded on the image.
- The lines in the scene frame roughly divide the recorded pixels into three parts horizontally and vertically. When the image is printed, the resulting print may be shifted slightly from the scene frame.

Scene

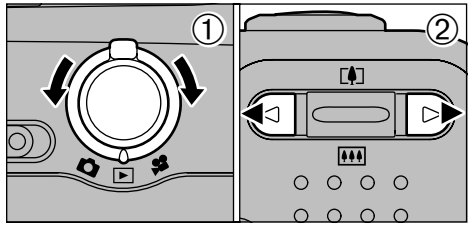
Use this frame when you want to position your main subject in the center of the frame or when you want to align your shot with the horizon. This feature provides a clear guide to the subject size and the overall balance of the shot so that you get exactly the shot you want.



◆ Important ◆

Always use the AF/AE lock to compose your picture.
Failing to use the AF/AE lock may result in the image being out of focus.

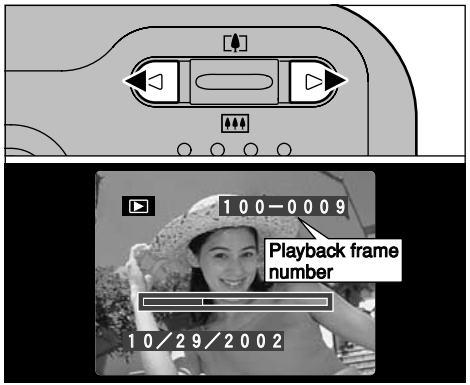
MODE VIEWING YOUR IMAGES (PLAYBACK)



①Set the Mode switch to "▶".
②You can "◀" or "▶" to move forward and backward respectively through your images.

- When you set the Mode switch to "▶", the last image shot is displayed.

Fast Forwarding Images

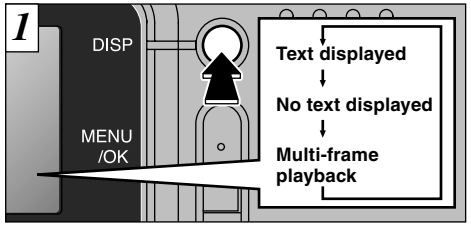


During playback, you can skip backwards or forwards through the images (the frame number increases or decreases) by holding down "◀" or "▶" for approximately 1 second.
The displayed image does not change, but a progress bar indicates the approximate playback location on the xD-Picture Card.

◆ Still images that can be viewed ◆

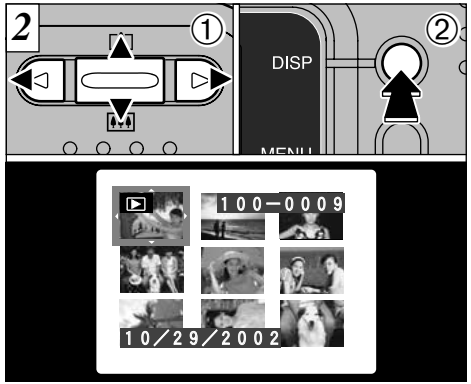
You can use this camera to view still images recorded on the FinePix 2650 or still images (excluding some uncompressed images) recorded on a FUJIFILM digital camera that supports xD-Picture Cards.

MODE MULTI-FRAME PLAYBACK



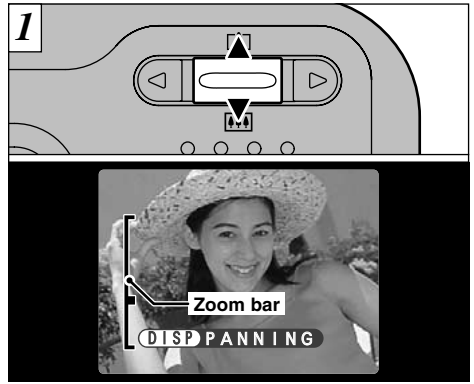
In playback mode, the display shown on the LCD monitor switches each time you press the "DISP" button. Press the "DISP" button until the multi-frame playback screen (9 frames) appears. You cannot display text during multi-frame playback.

- You cannot use multi-frame playback while a menu is displayed.
- Playback zoom cannot be used with multi-frame playback.



① Select a frame by using "◀", "▶", "▲" or "▼" to move the cursor (the orange box) to the desired frame. Press the "▲" or "▼" several times to switch to the previous page or the next page.
② You can enlarge the selected image by pressing the "DISP" button again.

MODE PLAYBACK ZOOM

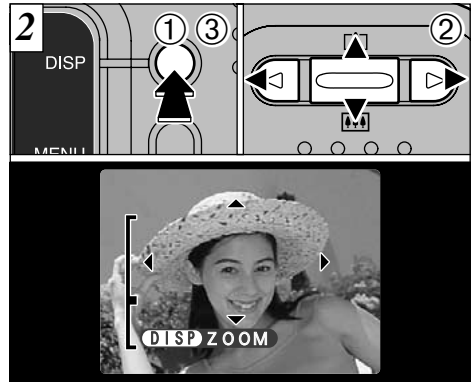


Pressing "▲" or "▼" during single-frame playback zooms in (enlarges) or out on a still image. When you use this function, a zoom bar is displayed.

●Zoom scales:

2M 1600 ×1200 pixel images: Max 10×
1M 1280 × 960 pixel images: Max 8×
0.3M 640 × 480 pixel images: Max 4×

- Pressing "◀" or "▶" during zooming cancels zooming and moves to the next image.
- Multi-frame playback cannot be used with Playback zoom.

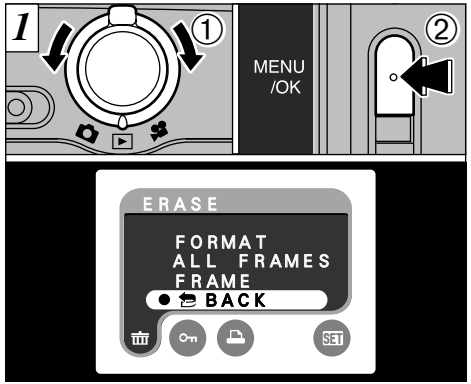


After you have zoomed in on your image,
①Press the "DISP" button.
②Use "▲", "▼", "◀" or "▶" to zoom in on different parts of the image.
③Press the "DISP" button again to revert to zoomed display.

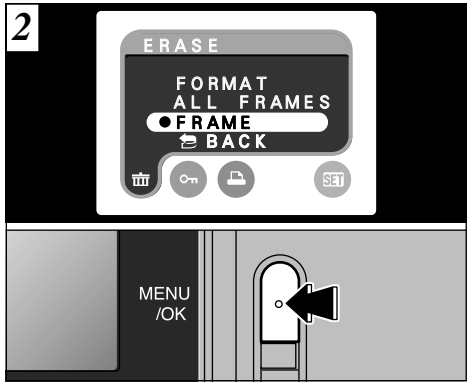
- You may not be able to use playback zoom for some images shot on other camera models.
- Press the "BACK" button to return to normal unscaled display.

This is useful for such things as checking the focus after you take a shot.

MODE ERASING SINGLE FRAME

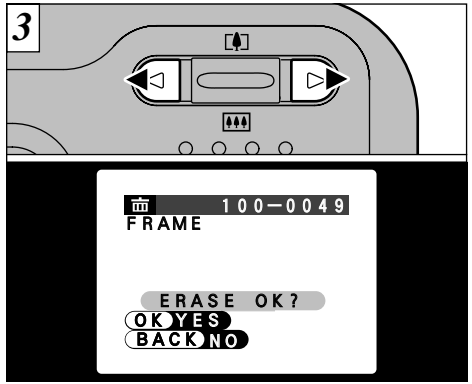


① Set the Mode switch to "▶".
② Press the "MENU/OK" button to display the Menu screen on the LCD monitor.

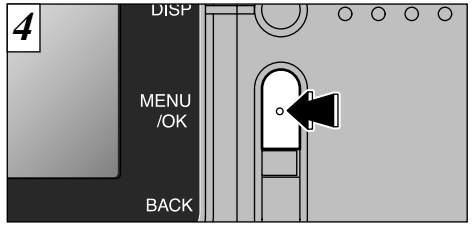


Select "FRAME" in the "🗑" ERASE menu and press the "MENU/OK" button.
See P.54 for more information on "ALL FRAMES" and "FORMAT".

Note that mistakenly erased images cannot be recovered. You should copy important files that you do not want to be erased to your computer or other media.



Press "◀" or "▶" to view the frame (individual file) you want to erase.

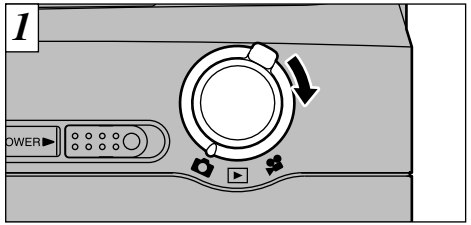


Pressing the "MENU/OK" button erases the frame (individual file) displayed. When erasing is complete, the next image appears and the "ERASE OK?" message is displayed.

Press the "BACK" button to cancel frame erasing.

To erase another frame, repeat steps 3 and 4.

MODE SELECTING A AUTO OR M MANUAL



Set the Mode switch to "".

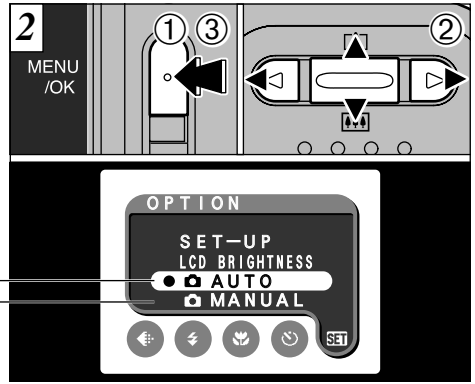
See P.48 for information on shooting movies.

AUTO

This is the easiest mode for taking pictures and can be used in a wide range of conditions.

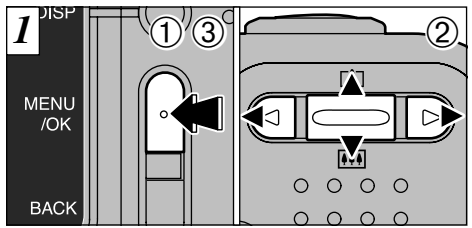
MANUAL

This mode allows you to specify your own brightness and white balance settings.

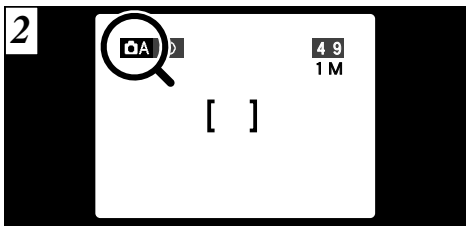


①Press the "MENU/OK" button to display the menu.
②Use "◀" or "▶" to select "SET" OPTION and then use "▲" or "▼" to select "AUTO" or "MANUAL".
③Press the "MENU/OK" button to confirm the selection.

PHOTOGRAPHY MENU OPERATION



①Press the "MENU/OK" button to display the menu.
②Use "◀" or "▶" to select the menu item and "▲" or "▼" to change the setting.
③Press the "MENU/OK" button to confirm the selection.

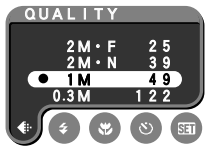
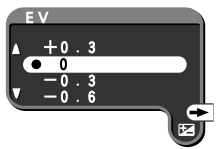


When you validate the settings, the respective icons appear at the top of the screen.

The settings available in the menu screen differ depending on the still photography mode.

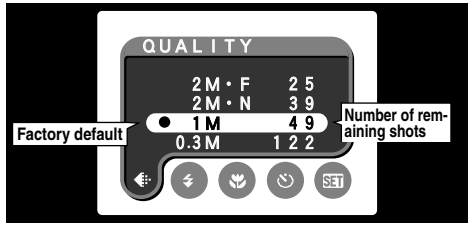
PHOTOGRAPHY AND MOVIE MENU OPTIONS

This section gives a quick overview of the various functions you can use when the mode switch is set to "📷" or "🎥".

Mode	Sample LCD monitor display	Accessible menu settings	Factory default	Explanation
📷A AUTO		QUALITY FLASH MACRO SELF-TIMER SET OPTION	1M AUTO OFF OFF –	P.39 P.40 P.43 P.44 P.68
📷M MANUAL		QUALITY FLASH MACRO WHITE BALANCE EV SET OPTION	1M AUTO OFF AUTO 0 –	P.39 P.40 P.43 P.46 P.47 P.68
🎥 MOVIE		QUALITY SET OPTION	320 × 240 –	P.51 P.68

SETTING THE QUALITY

✻ Displaying the menus (➡P.37)



This mode can be selected in the "📷A", "📷M" still photography modes.

You can choose from 4 settings. Use the table on the right as a guide for selecting the best setting for the shot you want to take.

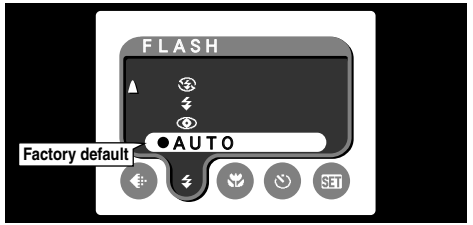
Use	Quality
Printing ↕ Internet	2M • F (1600 × 1200) 2M • N (1600 × 1200) 1M (1280 × 960) 0.3M (640 × 480)

<Examples>

- For printing on A5 paper → 2M • F, 2M • N
  ✻ Select "2M • F" (FINE) for better image quality and "2M • N" (NORMAL) to increase the number of available shots.
  In most cases, the "2M • N" setting provides more than adequate image quality.
- For printing on A6 (postcard) paper → 1M
- For an image attached to E-mail or used on a website → 0.3M

- The numbers to the right of each setting show the number of available shots.
- When you change the quality, the number of available shots also changes.

✻ Displaying the menus (➡P.37)



This mode can be selected in the "📷A", "📷M" still photography modes.

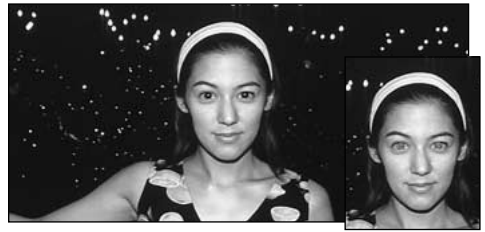
Use the flash mode that best suits your shot.

- **5 modes:** "AUTO", "👁", "⚡", "🚫" and "S⚡"
- **Effective flash range (in "📷A AUTO" mode):**
  Wide-angle: Approx. 0.2 m to 3.0 m (0.6 ft. to 9.8 ft.)
  Telephoto: Approx. 0.8 m to 3.0 m (2.6 ft. to 9.8 ft.)

- If you use the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Try taking the shot with the flash mode set to Suppressed Flash.
- The flash charging time may increase if the charge remaining in the batteries is low.
- When you take a shot using the flash, you may see the video image disappear and the screen go dark as the flash charges. The viewfinder lamp flashes orange while the flash is charging.

AUTO Auto Flash Mode

Use this mode for ordinary photography. The flash fires automatically as required by the shooting conditions.



👁 Red-Eye Reduction

Use this mode to ensure that the subject's eyes appear natural when photographing people in low-light conditions. The flash fires automatically as required by the photography conditions.
The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture.

⚡ Forced Flash

Use this mode to photograph backlit scenes, such as a subject against a window or in the shade of a tree, or to obtain the correct colors when you are shooting under lighting such as fluorescent tubes. In this mode, the flash fires in bright as well as dark conditions.

◆ Red-Eye Effect ◆

When you use the flash to photograph people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-Eye Reduction flash to effectively minimize the likelihood of the red-eye effect.
Take the following measures also to make Red-Eye Reduction more effective:

- Get the subjects to look at the camera.
- Get as close as possible to the subjects.

Suppressed Flash

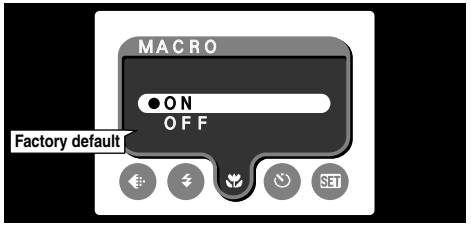
Use this mode for photography using indoor lighting, for shots taken through glass, and for photography in venues such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed Flash, the Automatic White Balance function (➡P.118) operates so that natural colors are captured along with the ambience of the available light.

- If you are shooting in Suppressed Flash mode in dark conditions, use a tripod to prevent camera shake.
- See P.110 for information on the camera shake warning.

S Slow Synchro

This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop.

- The image may be overexposed when you shoot bright scenes.
- Because a slow shutter speed is used, a tripod should be used to prevent camera shake.



This mode can be selected in the "A", "M" still photography modes.

Use Macro mode for close-up shots.

- **Focal range:** Approx. 10 cm to 80 cm (3.9 in. to 2.6 ft.)
  (Approx. 20 cm to 80 cm (0.6 ft. to 2.6 ft.) when the flash is used)
- **Digital zoom focal distance (35 mm camera equivalent)**
  1M: Equivalent to approx. 38 mm-48 mm (1.3×)
  0.3M: Equivalent to approx. 38 mm-95 mm (2.5×)

Selecting Macro mode specifies the following camera settings:

- The lens is fixed to the wide-angle zoom setting and only digital zooming is available.
- The LCD monitor is fixed to the ON setting.
- Switching the camera off cancels Macro mode.

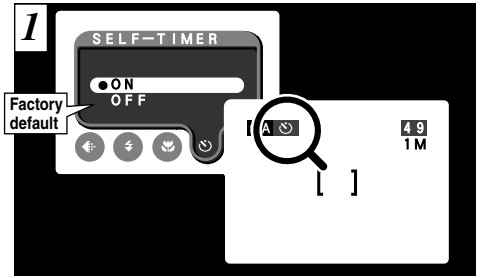
- When shooting in dark conditions, use a tripod to prevent camera shake.

If you use the viewfinder to take pictures in Macro mode, there is a discrepancy between what you see and what the camera actually photographs due to the difference in the positions of the lens and the viewfinder window. For this reason, you should always use the LCD monitor when shooting in Macro mode.

PHOTOGRAPHY MENU

SELF-TIMER PHOTOGRAPHY

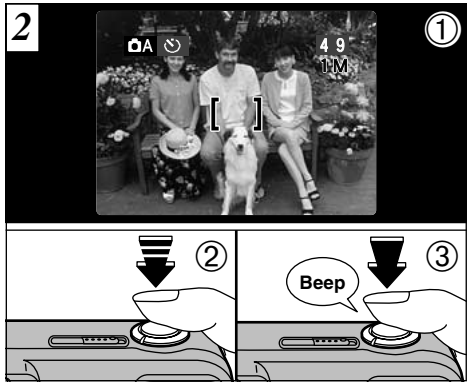
* Displaying the menus (➡P.37)



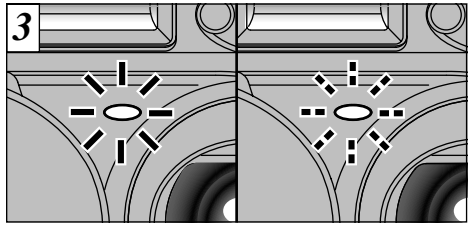
This mode can be selected in the "ÅA" still photography mode.

When you set the self-timer to "ON", "" appears on the LCD monitor.
In this mode, a timer runs for roughly 10 seconds before the shutter is released. Use this mode for shots such as photographs of yourself.

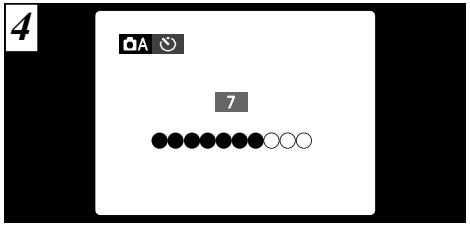
- The self-timer is automatically cancelled in the following situations:
  - When shooting ends
  - When you switch to "ÅA" or "ÅM" mode
  - When the mode switch setting is changed
  - When the camera is switched off
- You can also use the AF/AE lock (➡P.27).
- Be careful not to stand in front of the camera when you press the shutter button as this can cause focusing or exposure metering errors.



① Position the AF frame over your subject.
② Press the shutter button down half way to set the focus.
③ Without releasing the shutter button, press it down fully. The self-timer then starts running.



The self timer lamp lights for 5 seconds and then starts flashing. 5 seconds later the camera emits a short beep and takes the picture.

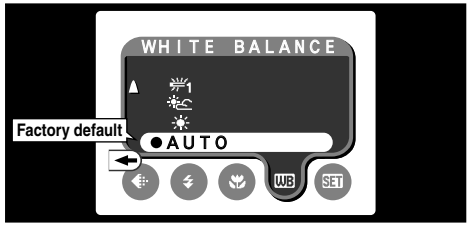


Until the picture is taken, a countdown appears on the LCD monitor.
Self-timer mode is automatically cancelled after each shot.

- To stop the self-timer once it has started running, press the "BACK" button.

WB WHITE BALANCE (SELECTING THE LIGHT SOURCE)

✻ Selecting 📷A/📷M (➡P.36)
✻ Displaying the menus (➡P.37)



This mode can be selected in the "📷M" still photography mode.

Change the white balance setting when you want to take a picture with the white balance fixed for the surroundings and lighting when the picture is taken.
In Auto mode, the correct white balance may not be obtained for subjects such as close-ups of people's faces and shots taken under a special light source. In such situations, select the correct white balance for the light source. See P.118 for information on the white balance.

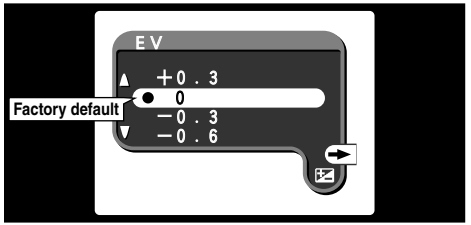
AUTO: Automatic adjustment
(Shooting to show the ambience of the light source)

- ☀ : Shooting outdoors in fine weather
- ⛅ : Shooting in shade
- 1 : Shooting under "Daylight" fluorescent lamps
- 2 : Shooting under "Warm White" fluorescent lamps
- 3 : Shooting under "Cool White" fluorescent lamps
- 💡 : Shooting in incandescent light

✻ The white balance setting is ignored when the flash is used. To achieve the desired effect in your shot, set the flash to Suppressed Flash mode (➡P.42).

EV (EXPOSURE COMPENSATION)

✻ Selecting 📷A/📷M (➡P.36)
✻ Displaying the menus (➡P.37)



This mode can be selected in the "📷M" still photography mode.

Use the Brightness setting to obtain the optimum image brightness (exposure) when the subject is much brighter or darker than the background.

- **Correction range:** –2.1 EV to +1.5 EV
(13 steps in 0.3 EV increments)
See P.118 for information on EV.

! The Brightness setting is disabled in the following situations:
- When the flash is used in Auto or Red-Eye Reduction mode.
- When dark scenes are shot in Forced Flash mode.

◆ Subjects for Which Exposure Adjustment is Particularly Effective ◆

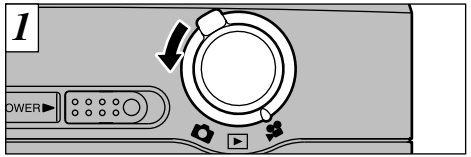
Guide to using + (positive) compensation

- Copying of printed text (black characters on white paper) (+1.5 EV)
- Backlit portraits (+0.6 EV to +1.5 EV)
- Very bright scenes (such as snowfields) and highly reflective subjects (+0.9 EV)
- Shots made up predominantly of sky (+0.9 EV)

Guide to using – (negative) compensation

- Spotlit subjects, particularly against dark backgrounds (–0.6 EV)
- Copying of printed text (white characters on black paper) (–0.6 EV)
- Scenes with low reflectivity, such as shots of pine trees or dark foliage (–0.6 EV)

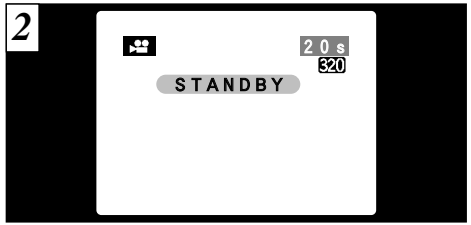
MODE MOVIE (VIDEO)



Set the Mode switch to "".
This mode allows you to shoot movies up to 20 seconds (at the 320 setting) or 80 seconds (at the 160 setting) without sound. (See P.51 for information on quality settings.)

- **Movie format:** Motion JPEG (➡P.118)
  320 (320 × 240 pixels)
  160 (160 × 120 pixels)
  selectable
  10 frames per second
  Without sound

- Select Macro mode for close-up shots (➡P.43).
- Depending on the available space on the xD-Picture Card, the available shooting time per movie may be shorter.
- You cannot switch the LCD monitor off in this mode.
- It may not be possible to play back your movie on other cameras.

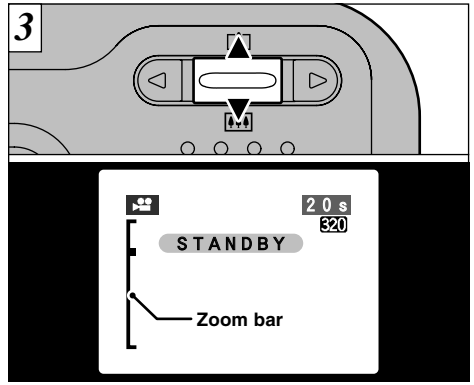


The available shooting time and the "STANDBY" message are shown on the LCD monitor.

■ xD-Picture Card standard shooting time

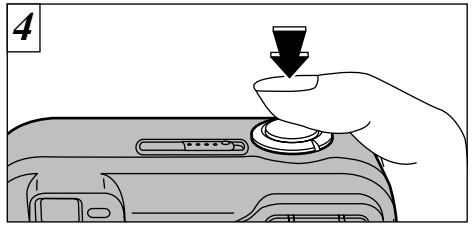
xD-Picture Card Capacity	Quality mode	
	320	160
DPC-16 (16 MB)	Approx. 94 sec.	Approx. 5.0 min.
DPC-32 (32 MB)	Approx. 191 sec.	Approx. 10.1 min.
DPC-64 (64 MB)	Approx. 6.4 min.	Approx. 20.2 min.
DPC-128 (128 MB)	Approx. 12.9 min.	Approx. 40.6 min.

✻ The available shooting time displayed on the camera for a new xD-Picture Card formatted in the camera.



During movie shooting, the lens is fixed at the wide-angle zoom setting and only the digital zoom can be used.
Use "▲" or "▼" to zoom in and out. A zooming bar is displayed on the LCD monitor.
The focal distances and maximum zoom ratios for the digital zoom are shown below.

- **Digital zoom focal distance (35 mm camera equivalent)**
  Approx. 38 mm to 95 mm
  Max. zoom scale: 2.5×

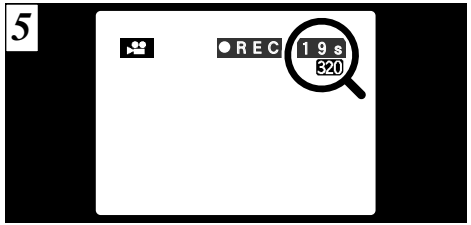


When you press the shutter button, the camera starts shooting.

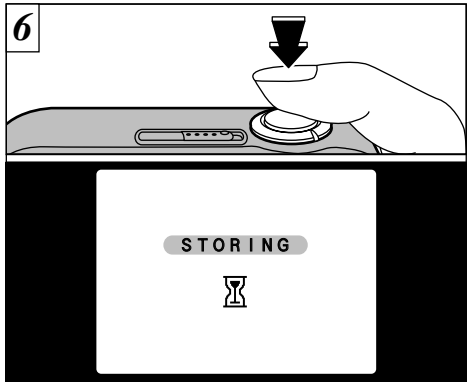
- You do not need to hold down the shutter button.
- The focus is fixed at 80 cm (2.6 ft.) to infinity.
- The white balance is fixed during shooting, but the exposure varies automatically to suit the scene being shot.
- The image shown on the LCD monitor before you take the shot may differ in its brightness, color, etc. from the image shown on the monitor during movie recording.

The white balance is set automatically when you press the shutter button.

Continued on next page...



During shooting, "●REC" appears on the LCD monitor with a counter showing the remaining time displayed in the top-right corner.

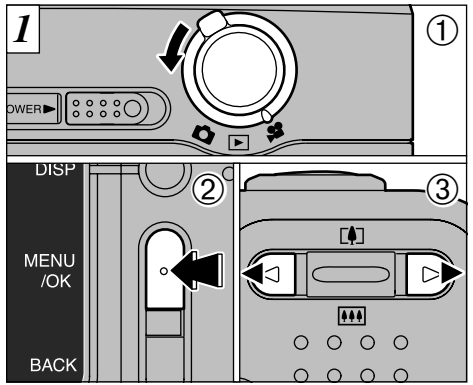


If you press the shutter button during shooting, shooting ends and the movie is stored on the xD-Picture Card.

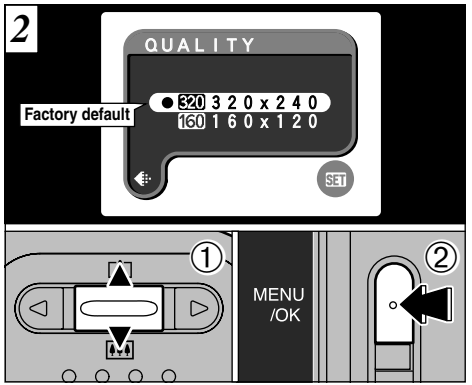
! Once the remaining time runs out, movie recording automatically stops and the movie is stored on the xD-Picture Card.

! If you end shooting immediately after you start shooting, only 1 second of movie is shot.

Quality settings for movies



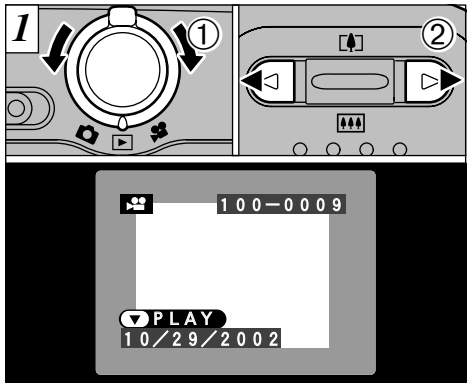
① Set the Mode switch to "🎥".
② Press the "MENU/OK" button to display the menu screen.
③ Press "◀" or "▶" to select "⚙" QUALITY.
You can select 2 levels of quality. For better image quality, select "320", and for longer photography time, select "160".



① Use "▲" or "▼" to change the quality setting.
② Press the "MENU/OK" button to confirm the selection.

	Movie Size	Maximum shooting time
320	320 × 240	20 sec.
160	160 × 120	80 sec.

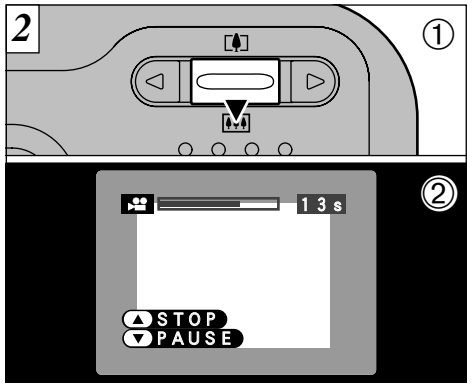
MODE PLAYING BACK MOVIES



①Set the Mode switch to "▶".
②Use "◀" or "▶" to select the movie file.

Movies cannot be played back using multi-frame playback. Use the "DISP" button to revert to normal playback.

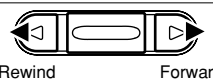
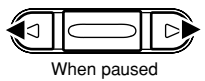
Movies are displayed somewhat smaller than still images.



①Press "▼ (⧫⧫⧫)" to play the movie.
②The LCD monitor shows the playback time and a playback progress bar.

If the subject of the movie is very bright, white streaks may appear on the image during playback. This is normal and is not a fault.

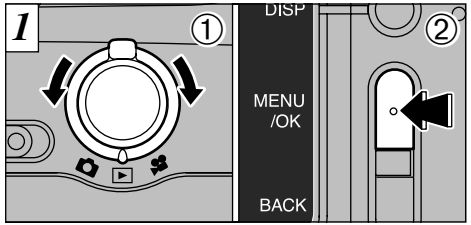
■ Playing Back Movies

	Control	Description
Playback		The movie automatically stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press this button again to resume playback.
Stop		Stops playback. ✻ Press "◀" or "▶" while movie playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward/Rewind	 Rewind Forward	Press these during playback to skip forwards or backwards through the movie.
Skip playback	 When paused	• Each time you press "◀" or "▶" when the movie is paused, the movie advances or goes back one frame. • Hold down the button to move through the frames quickly.

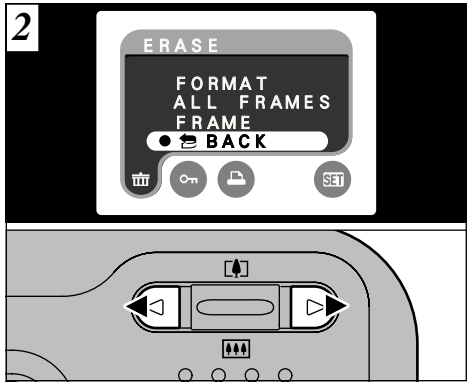
◆ Playing back movie files ◆

- This camera may not be able to play back movie files (10 fps) that were recorded on a camera other than FinePix 2650.
- To play back movie files on a computer, save the movie file on the xD-Picture Card to the computer's hard disk and then play back the saved file.
- Movie files contain large amounts of data. Depending on the performance of the computer, movies may not run smoothly if the computer cannot process the images quickly enough.

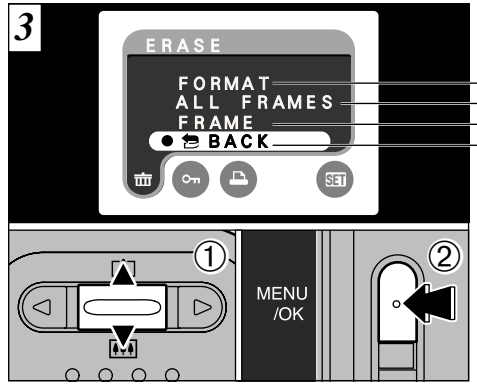
PLAYBACK MENU 🗑 ERASING SINGLE • ALL FRAMES/FORMATTING



①Set the Mode switch to "▶".
②Press the "MENU/OK" button to view the menu screen.



Use "◀" or "▶" to select "🗑" ERASE.



①Use "▲" or "▼" to select "FORMAT", "ALL FRAMES" or "FRAME".
②Press the "MENU/OK" button to confirm the selection.

FORMAT

Erases all the files. Because formatting also erases protected files, check carefully before formatting a card and copy any files that you want to keep onto another media, such as your hard disk.

ALL FRAMES

Erases all unprotected files.
You should copy important files that you do not want to be erased to your computer or another media.

FRAME

Erases only the selected file.

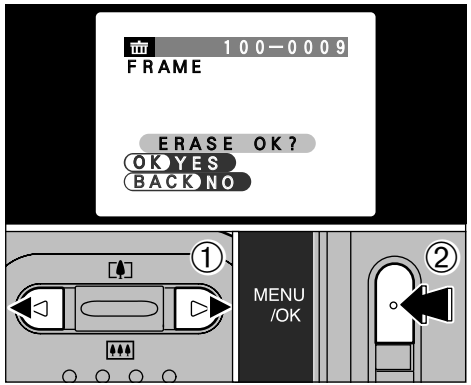
BACK

Returns to playback without erasing any files.

Note that mistakenly erased images cannot be recovered. You should copy important files that you do not want to be erased to your computer or another media.

Continued on next page...

FRAME

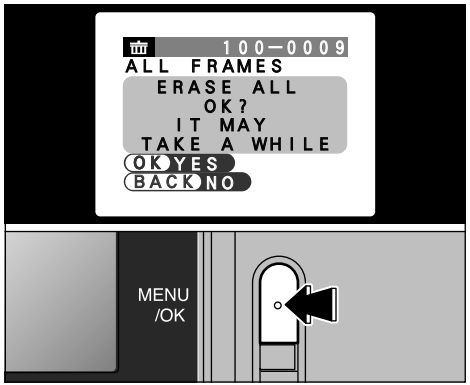


① Use "◀" or "▶" to select the file to be erased.
② Press the "MENU/OK" button to erase the currently displayed file.

To erase another image, repeat steps ① and ②. When you have finished erasing images, press the "BACK" button.

! The file for which "I PROTECTED FRAME" was displayed cannot be erased. Remove the protection.

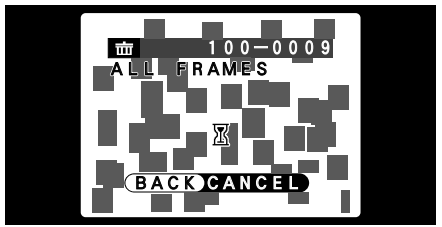
ALL FRAMES



Pressing the "MENU/OK" button erases all the unprotected files.

If the "DPOF SPECIFIED. ERASE OK?" "DPOF SPECIFIED. ERASE ALL OK?" message appears, press the "MENU/OK" button once more to erase the image.

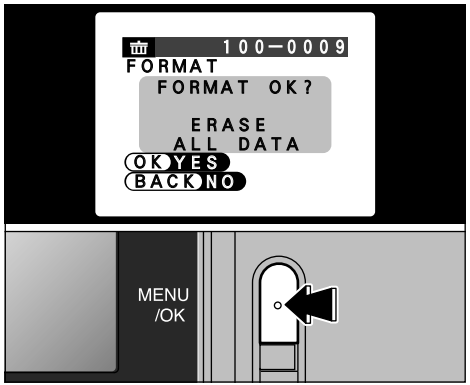
◆ To stop the procedure mid-way ◆



When you want to cancel the "Erase all frames" procedure, press the "BACK" button.

! Even if you stop the procedure immediately, some files will be erased.

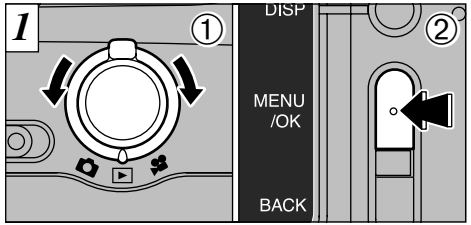
FORMAT



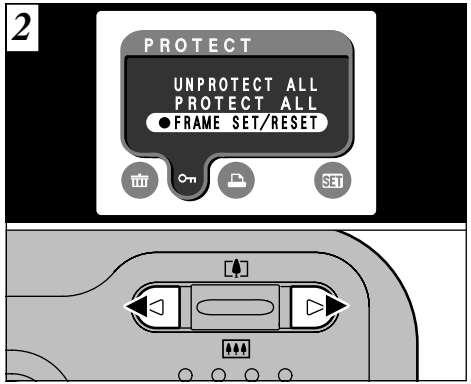
Pressing the "MENU/OK" button erases all the files and initializes the xD-Picture Card. Formatting also erases protected files.

! If the "I CARD ERROR", "I WRITE ERROR", "I READ ERROR" or "I CARD NOT INITIALIZED" message appears, refer to P.110, 111 before formatting the xD-Picture Card and take the appropriate measures.

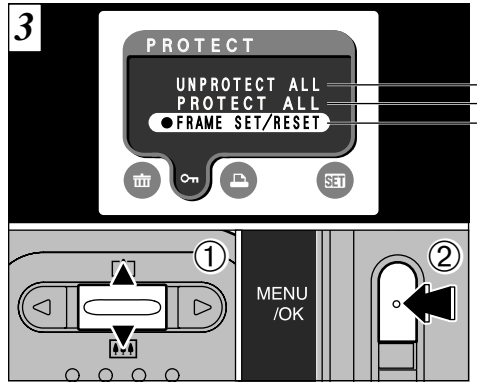
PLAYBACK MENU PROTECTING IMAGES FRAME/ALL



①Set the Mode switch to "▶".
②Press the "MENU/OK" button to view the menu screen.



Use "◀" or "▶" to select "🔑" PROTECT.



①Press "▲" or "▼" to select "UNPROTECT ALL", "PROTECT ALL" or "FRAME SET/RESET".
②Press the "MENU/OK" button to confirm the selection.

UNPROTECT ALL

Removes the protection from all the files.

PROTECT ALL

Protects all the files.

FRAME SET/RESET

Protects or unprotects only the selected file.

4

Multi-frame playback is an easy way to select images to be protected (➡P.32).

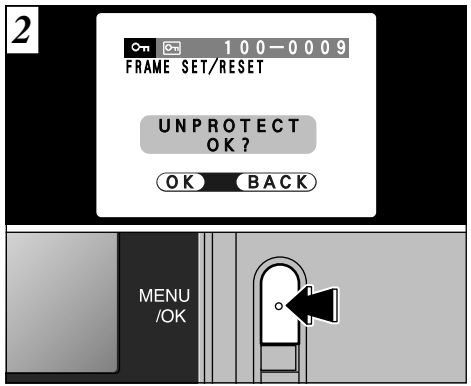
Protection is a setting that prevents images from being accidentally erased. However, "FORMAT" erases all images, regardless of protection setting (➡ P.57).

Continued on next page...

FRAME SET/RESET

① Press "◀" or "▶" to select the file to be protected.
② Press the "MENU/OK" button to protect the file currently displayed.

To protect another file, repeat steps ① and ②. To finish protecting files, press the "BACK" button.



To remove the protection, press the "MENU/OK" button.

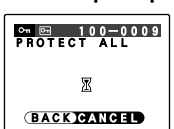
PROTECT ALL

Press the "MENU/OK" button to protect all the files.

UNPROTECT ALL

Press the "MENU/OK" button to unprotect all the files.

◆ To stop the procedure mid-way ◆



If the photographed images are very large, protecting or unprotecting all the frames may take some time.
If you want to shoot a picture or a movie during the procedure, press the "BACK" button. To then return to protecting or unprotecting all the frames, start the procedure on P.58 from step I.

PLAYBACK MENU

HOW TO SPECIFY PRINT OPTIONS (DPOF)

DPOF stands for Digital Print Order Format and refers to a format that is used for recording printing specifications for images shot using a digital camera on media such as an xD-Picture Card. The recorded specifications include information on which frames are to be printed.

This section gives a detailed description of how to order your prints with the FinePix 2650. On the FinePix 2650, you can specify only one print per image in the DPOF settings.

* Note that some printers do not support date and time imprinting or specification of the number of prints.
* Note that the warnings shown below may be displayed while you are specifying the prints.

DPOF SPECIFIED. ERASE OK ?
DPOF SPECIFIED. ERASE ALL OK ? (➡P.56)

When you erase the image, the DPOF setting for that image is deleted at the same time.

RESET DPOF OK ? (➡P.66)

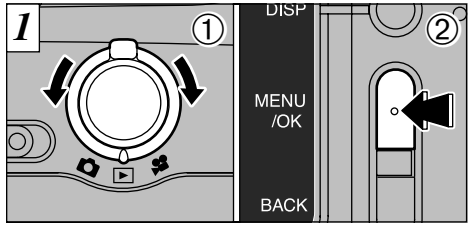
If you load an xD-Picture Card that contains frames specified for printing on another camera, those print specifications are all reset and replaced by the new print specifications.

! DPOF FILE ERROR (➡P.111)

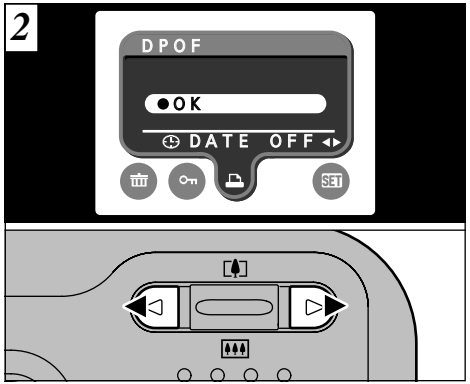
Up to 999 frames can be specified on the same xD-Picture Card.

PLAYBACK MENU

DPOF SET FRAME



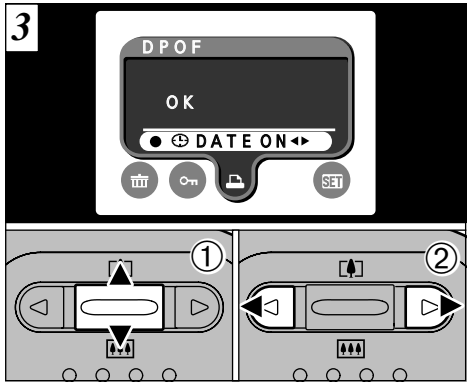
① Set the Mode switch to "▶".
② Press the "MENU/OK" button to display the menu screen.



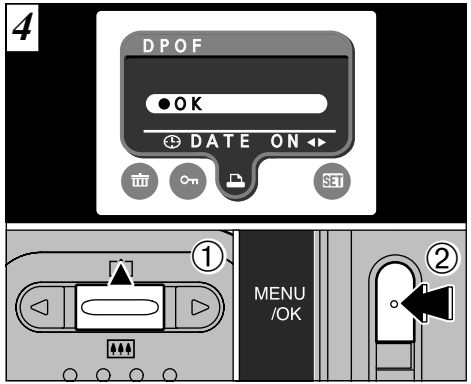
Use "◀" or "▶" to select "🖶" DPOF.

4

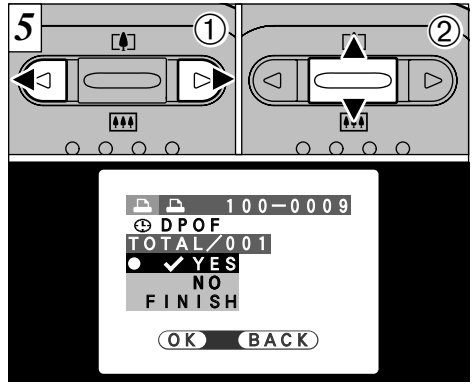
Continued on next page...



① Press “▲” or “▼” to select “DATE”.
② Use “◀” or “▶” to select “DATE ON” or “DATE OFF”.
The selected setting is then valid for all frames with DPOF settings.

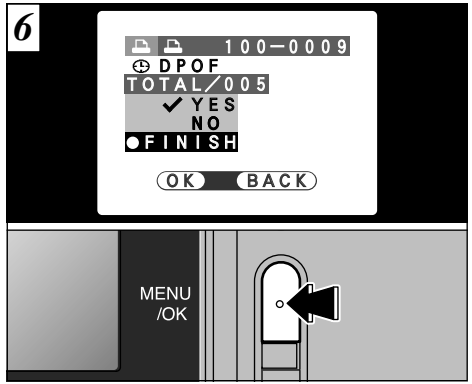


① Press “▲” to select “OK”.
② Press the “MENU/OK” button.



① Use “◀” or “▶” to display the frame for which you want to specify DPOF settings.
② Press “▲” or “▼” to set “YES” for the frame to be printed and then press the “MENU/OK” button or “▶”.
To specify more DPOF settings, repeat steps ① and ②.

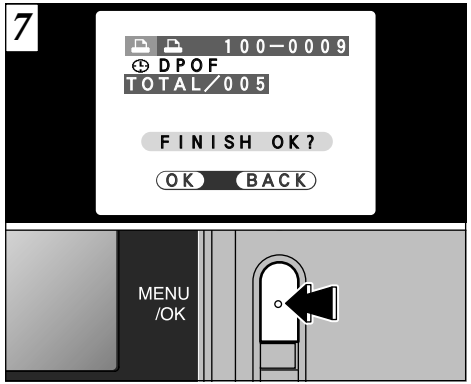
- DPOF settings cannot be specified for movies.
- “TOTAL” shows the total number of frames for which prints have been ordered.



When you have finished the settings, always select “FINISH” and press the “MENU/OK” button.
If you press the “BACK” button, no DPOF settings are specified.

- You can only specify one print per frame in the DPOF settings. Note also that you can specify prints for up to 999 frames on the same xD-Picture Card.

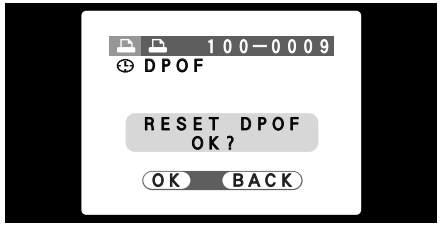
Continued on next page...



Pressing the “MENU/OK” button confirms the DPOF settings.
Pressing the “BACK” button returns you to the settings screen 5.

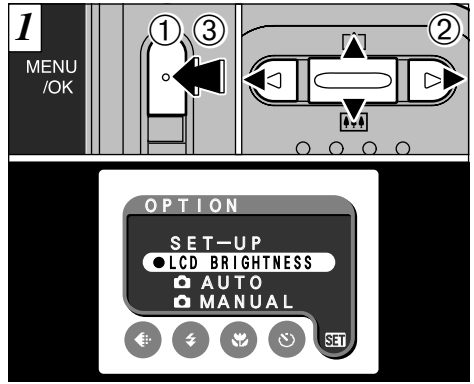
Pressing the “MENU/OK” button confirms all the settings.

◆ DPOF settings cannot be changed. ◆

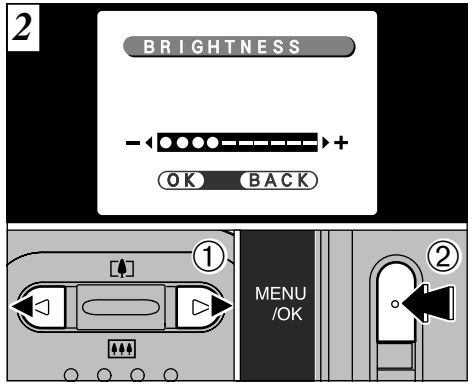


If you select a frame for which DPOF settings have already been specified, the “RESET DPOF OK?” message appears.
Pressing the “MENU/OK” button erases all the DPOF settings already specified. You must then specify the DPOF settings again.

- Press the “BACK” button to leave the previous settings unchanged.
- During playback, check that the “” icon is displayed for the previous settings.



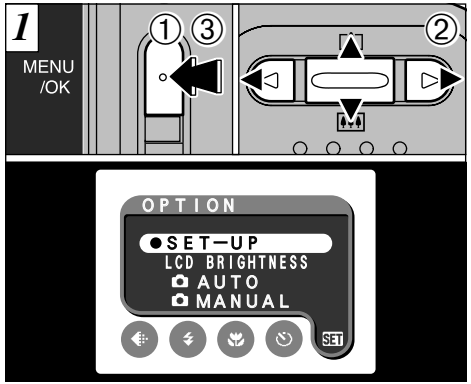
You can set the monitor brightness in “”, “” and “” mode.
① Press the “MENU/OK” button to display the menu screen.
② Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “LCD BRIGHTNESS”.
③ Press the “MENU/OK” button.



① Use “◀” or “▶” to adjust the LCD monitor brightness.
② Press the “MENU/OK” button.

- To exit this procedure without changing the settings, press the “BACK” button.

SET USING SET–UP



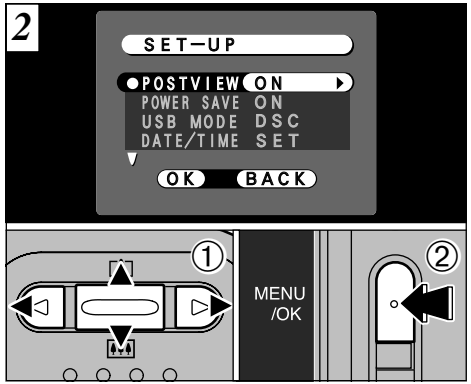
You can set the SET–UP in "📷", "▶" and "🎥" mode.

①Press the "MENU/OK" button to display the menu screen.

②Press "◀" or "▶" to select "SET" OPTION and then press "▲" or "▼" to select "SET–UP".

③Press the "MENU/OK" button.

The figure above shows the screen for still photography.



①Press "▲" or "▼" to select a menu option and then press "◀" or "▶" to change the setting.

②Press the "MENU/OK" button.

Press "▶" for "DATE/TIME" or "RESET ALL".

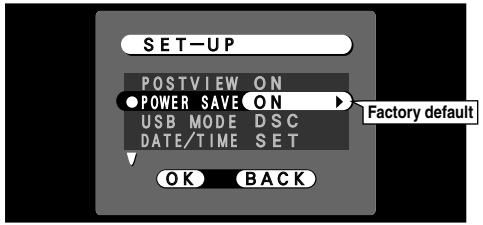
■ List of settings

📷 Still photography mode	🎥 Movie mode	▶ Playback mode
📷A AUTO	—	—
📷M MANUAL	—	—
LCD BRIGHTNESS (P.67)	LCD BRIGHTNESS (P.67)	LCD BRIGHTNESS (P.67)
SET–UP	SET–UP	SET–UP

■ SET–UP Menu Options

Settings	Display	Factory default	Explanation
POSTVIEW	ON/OFF	ON	This option specifies whether or not an image checking screen (photography results) is displayed after you take a shot. The photography results are displayed for about 2 seconds and then automatically recorded.
POWER SAVE	ON/OFF	ON	If the camera is not used for approximately 30 seconds, this function temporarily switches off the LCD monitor. See P.70 for details.
USB MODE	DSC/PC CAM	DSC	See P.82 for details.
DATE/TIME	SET	—	Use this option to correct the date or time. See P.15 for details.
📷 LCD	ON/OFF	ON	Use this option to specify whether the LCD monitor is automatically switched ON or OFF when the Mode switch is set to "📷".
BEEP ♪	LOW/HIGH/OFF	LOW	This setting selects the volume of the beep emitted by the camera during camera operation.
LANGUAGE	ENGLISH/FRANCAIS/ DEUTSCH	ENGLISH	Select English, French or German as the language used for screen display.
RESET ALL	OK	—	This resets all camera settings (including the photography and playback menu settings) other than the date and time to the factory default values set at shipment. When you press "▶", a confirmation screen appears. To proceed, press the "MENU/OK" button again.

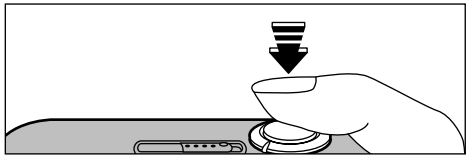
SET-UP SET POWER SAVE



●Power saving "ON" (default setting)
Power consumption is kept to a minimum to prevent battery depletion. You should select the "ON" setting when you are using alkaline batteries.

- If the camera is not used for approximately 30 seconds, the LCD monitor switches off temporarily to reduce power consumption (Sleep mode).
- Once the camera is in Sleep mode, if it is left unused for a further 90 seconds, it is automatically switched off.
- The charging time for the flash increases slightly because the flash charging power is reduced.

●Power saving "OFF"
Batteries are more likely to run flat since no power reduction measures (sleep mode, etc.) are used. However, this function automatically switches the camera off if the camera is not used for approximately 2 minutes.



When the camera is in Sleep mode, pressing any button on the camera will switch the LCD monitor back on. Sleep mode offers a useful alternative to switching the camera off because the camera is ready to use far more quickly. Even when the camera is asleep, you can still release the shutter and take pictures.

- Power Save/Auto Power Off does not function when a USB connection is being used.
- Operation can also be restored by pressing buttons other than the shutter button.
- To switch the camera back on, briefly switch the camera off and then on again.

The Sleep function does not operate when the LCD monitor is switched off, while you are setting the quality or when the camera is in SET–UP or Playback mode. However, if the camera controls are not used for 2 minutes, the camera automatically switches off.

6 Software Installation

6.1 The Software Components

Connect the camera with "DSC" selected as the USB setting (➡P.84).

Connect the camera with "PC CAM" selected as the USB setting (➡P.87).

USB Mass Storage Driver
Allows a digital camera to be used as USB Mass Storage (removable disk drive, card reader).

Exif Launcher
Launches the FinePixViewer software when a camera is connected.

USB PC Camera Driver
Allows a digital camera to be used as a PC Camera.

FinePixViewer
Allows you to display thumbnail lists of the images stored on your PC or in the camera, print the images individually or as an index, display the images at full size and perform some basic image processing.

PictureHello
Used for videoconferencing (Windows only).

ImageMixer VCD for FinePix
Creates a FinePix CD Album.

Acrobat® Reader
Software used to read PDF-format documents on a personal computer. This software is needed to read the User's Guides for FinePixViewer.

QuickTime
Software needed for playing back movies, etc.

✻ Note that the software configuration differs slightly depending on your operating system.

6.2 Installation on a Windows PC

6.2.1 Load the CD-ROM into your PC

Do not connect the camera to your PC until the software installation is completed.

1. Switch on your PC and start up Windows.

✻ If you have already switched on your PC, restart your PC at this point.

NOTE

Users of Windows 2000 or Windows XP should log in using a system administrator account (e.g. "Administrator").

2. Quit all other active applications until no applications are shown in the taskbar.

NOTE

If a "----.dll file not found." message appears during installation, there is another application running in the background. Forcibly shut down the application. Refer to your Windows manuals for information on how to forcibly shut down an application.

3. Load the enclosed CD-ROM into the CD-ROM drive. The installer starts up automatically.

4. The Setup screen appears. Click the [Installing FinePixViewer] button.

✻ For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

Launching the Installer Manually

1. Double-click the "My Computer" icon.

✻ Windows XP users should click "My Computer" in the "Start" menu.

2. Right-click "FINEPIX" (CD-ROM drive) in the "My Computer" window and select "Open".

3. Double-click "SETUP" or "SETUP.exe" in the CD-ROM window.

✻ The way file names are displayed differs as described below depending on your computer settings.

- File extensions (3-letter suffixes indicating the file type) may be shown or hidden. (e.g. Setup.exe or Setup)
- Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

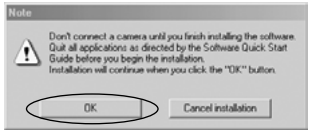
6.2.2 From FinePixViewer installation to restart

1. Pre-installation checking begins. If any warning messages appear, follow the instructions given on the screen.

Note
OK
Cancel installation
Note
You cannot install because you haven't logged on as an administrator account.
Log on as an administrator account.
Refer to the instructions provided with your PC for details.
OK

✻ The "Add New Hardware Wizard" may be hidden behind the "Note" message. Check the taskbar, move the message window and then click the [Cancel] button.

2. A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.


Note
Don't connect a camera until you finish installing the software. Quit all applications as directed by the Software Quick Start Guide before you begin the installation. Installation will continue when you click the "OK" button.
OK
Cancel installation

3. The software version is checked. If the window shown below appears, click the [OK] button to uninstall the software.

Confirmation
Software of an earlier version is installed. When you click the "OK" button, software of an earlier Fujifilm Camera version is deleted automatically, and the installation of new software is You can go back to the previous screen by clicking the "Cancel" button.
OK
Cancel

4. The USB drivers are installed.

5. Install FinePixViewer.

① FinePixViewer installation begins and notes and warnings are displayed. When you have confirmed these, click the [Next >] button.

② The User License Agreement for this software is displayed. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Yes] button. If you click the [No] button, the software is not installed.

InstallShield Wizard
Welcome to the InstallShield Wizard for FinePixViewer Ver.3.1
The InstallShield® Wizard will install FinePixViewer Ver.3.1 on your computer. To continue, click Next.
< Back
Next >
Cancel

③ Check the installation destination folder and then click the [Next >] button.

④ The “Confirmation” screen shown may appear. To continue with the settings, click the [Yes] button.

6. Install QuickTime as directed by the on-screen instructions.

✻ If you have already installed QuickTime version 5.0.2 or later, this installation is not performed.

Click the [Agree] button in the “Software License Agreement” window.

QuickTime Settings
Connection Speed
QuickTime will choose among multiple versions of internet media based on the connection speed you specify.
56 Kbps Modem/ISDN
Allow Multiple Simultaneous Streams
QuickTime's default is to play one stream at a time. Use this option to allow playback of multiple streams simultaneously. This may degrade performance if your available bandwidth is exceeded.
Previous
Next

If the “Connection speed” window appears, set the correct speed for your environment of connection and then click the [Next] button.

✻ If you do not know your connection speed, simply click the [Next] button.

7. Install NetMeeting as directed by the on-screen instructions.

✻ If NetMeeting 3.01 or later is already installed on your PC, this installation is not performed.

8. Install ImageMixer VCD for FinePix as directed by the on-screen instructions.

9. Close the “Readme” window.

10. Install WINASPI as directed by the on-screen instructions.

11. Install Windows Media Player as directed by the on-screen instructions and then restart your PC.

✻ If the latest version of the software is already installed on your PC, this installation is not performed. When next screen appears, click the [Restart] button.

In Windows Media Component Setup window, tick the “I have read the Privacy Statement” checkbox and then click the [Next >] button.

When you click the [Finish] button, your PC is restarted.

12. **After you restart your PC, install DirectX as directed by the on-screen instructions and then restart your PC again. If the latest version of DirectX is already installed on your PC, this installation is not performed.**

13. **After you restart your PC, the "FinePixViewer installation completed" message appears. Click "Using FinePixViewer" to view the basic FinePixViewer functions.**

14. **To install Acrobat Reader, click "Install Acrobat Reader".***
    * You should install Adobe Acrobat Reader software to read the FinePixViewer User's Guide (PDF).
    If you already have the latest version installed, this step is not required.

15. **Proceed with the installation as directed by the on-screen instructions.**

■ To install Acrobat Reader later...

1. **Open the "My Computer" window, right-click the CD-ROM icon and select "Open" to view the contents of the CD-ROM.**

2. **Double-click "ACROREAD" → "ENGLISH" folder.**
3. **Double-click "ar505enu.exe".**
4. **Proceed with the installation as directed by the on-screen instructions.**

6.3 Installation on a Mac OS 8.6 to 9.2

6.3.1 Check the system software settings

■ Enable File Exchange

Check whether File Exchange is active.
To use an xD-Picture Card that is supported by the camera, the File Exchange utility supplied with Mac OS must be running.

1. **Switch on your Macintosh and start up Mac OS 8.6 to 9.2.**

NOTE
Do not connect the camera to your Macintosh until the software installation is completed.

2. **Select the Extension Manager in the Control Panel and check that the File Exchange check box is ticked. If not, click in the box so that an ☒ appears and then restart your Macintosh.**

6.3.2 From FinePixViewer installation to restart

1. **When you load the enclosed CD-ROM into the CD-ROM drive, the "FinePix" window automatically opens.**

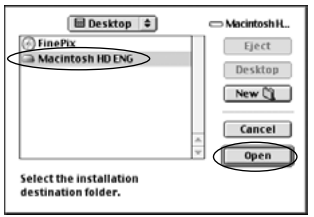
NOTE
If the "FinePix" window does not open automatically, double-click the CD-ROM icon.

2. **Double-click "Installer for MacOS8.6-9.x" to launch the Installer.**
3. **The Installer setup screen appears. Click the [Installing FinePixViewer] button.**
    * For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

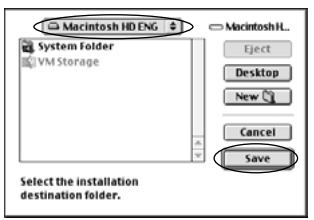
4. **A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.**
5. **The User License Agreement for this software is displayed. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Yes] button. If you click the [No] button, the software is not installed.**

6. Select the installation destination for FinePixViewer and ImageMixer VCD for FinePix.

① Click the [Open] button to open the installation destination folder.



② Click the [Save] button.



7. Install QuickTime as directed by the on-screen instructions and then restart your Macintosh.

✻ If you have already installed QuickTime version 5.0.2 or later, this installation is not performed.

Click [Agree] button in the “License” window.

QuickTime™ Settings
Connection Speed
QuickTime will choose among multiple versions of internet media based on the connection speed you specify.
56 Kbps Modem/ISDN
Allow Multiple Simultaneous Streams
QuickTime's default is to play one stream at a time. Use this option to allow playback of multiple streams simultaneously. This may degrade performance if your available bandwidth is exceeded.
Previous
Next

If the “Connection Speed” window appears after you restart your Macintosh, set the correct speed for your environment of connection and then click the [Next] button.

✻ If you do not know your connection speed, simply click the [Next] button.

8. After you restart your Macintosh, the “FinePixViewer installation completed” message appears. Click “Using FinePixViewer” to view the basic FinePixViewer functions.

Macintosh HD:ENG:FinePixViewer:INSTALLGA:IDE:InstallGuide
FUJIFILM
FinePixViewer for Macintosh
FinePixViewer installation completed.
Using FinePixViewer
This section introduces the basic functions of FinePixViewer.
This Guide can be accessed from the FinePixViewer Help menu.
Installing Acrobat Reader
You need this software to view detailed instructions on using FinePixViewer.
Exit

9. To install Acrobat Reader, click “Install Acrobat Reader”.*

✻ You should install Adobe Acrobat Reader software to read the FinePixViewer User’s Guide (PDF).
If you already have the latest version installed, this step is not required.

10. Proceed with the installation as directed by the on-screen instructions.

■ To install Acrobat Reader later...

1. Double-click the “FinePix” CD-ROM to open the CD-ROM window.

2. Double-click “FinePixViewer for Mac OS 8.6-9.x” → “Acrobat Reader” → “English” folder.

3. Double-click “English Reader Installer”.

4. Proceed with the installation as directed by the on-screen instructions.

6.4 Installation on a Mac OS X

6.4.1 From FinePixViewer installation to restart

Only FinePixViewer is installed on Mac OS X.

NOTE

AVI movies cannot be played back on version 10.0.4.

1. **Switch your Macintosh on and start up Mac OS X. Do not launch any other applications.**
2. **Load the enclosed CD-ROM into the CD-ROM drive. The "FinePix" window opens.**

NOTE

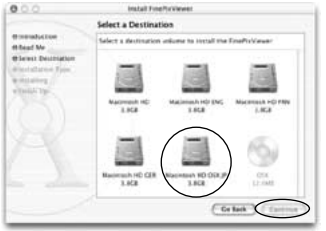
If the "FinePix" window does not open automatically, double-click the CD-ROM icon.

3. **Double-click "Installer for MacOS X".**

4. **Click the " " icon.**

5. **Enter the administrator name and password. Then click the [OK] button.**

6. **Click the [Continue] button.**
7. **Quit any other programs that are running and then click the [Continue] button.**
8. **Click [Continue] button in the "Software License Agreement" window.**
9. **Select the Mac OS X startup disk as the installation destination and click the [Continue] button.**



10. **Click the [Install (upgrade)] button.**
11. **When you have completed the installation, click the [Restart] button.**

7 Camera Connection

The “Camera Connection” section explains how to connect the camera to your computer using the special USB cable and describes the functions you can use once the camera and computer are connected.

If the power cuts out during data transmission, the data will not be transmitted correctly. Always use the AC power adapter when connecting the camera to a computer.

The first time you connect the camera to your computer refer to Section 6

You must install all the software before connecting the camera to your computer.

CD-ROM
(Software for FinePix SX)

■ DSC (Mass storage device) Mode

This mode provides a simple way to read images from an xD-Picture Card and store images on to an xD-Picture Card (➡P.84).

■ PC CAM (PC Camera) Mode

This function allows you to conduct videoconferencing sessions between PCs connected to the Internet (➡P.87).

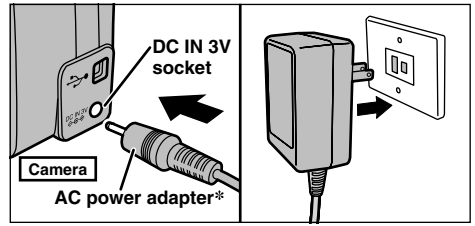
✻**Videoconferencing (“PictureHello”) is not supported on Macintosh computers.**
✻Connection is only possible with a FUJIFILM camera equipped with a “PC Camera” function.

For more information on using the software, refer to “How to use FinePixViewer” in the HELP menu which was installed from the CD-ROM.

7.1 Using the optional AC Power adapter

Always use a FUJIFILM AC Power Adapter AC-3V (➡P.102).
Use the AC power adapter to avoid losing power at inconvenient times, such as when you are downloading photographed images to your computer. Using the AC power adapter also allows you to take pictures and play back images without worrying about depleting the batteries.

✻See P.107 for notes on using the AC power adapter.
✻Only connect or disconnect the AC power adapter when the camera is switched off.
Connecting or disconnecting the AC power adapter while the camera is switched on temporarily interrupts the power supply to the camera, so that images or movies being shot at the time are not recorded. Failing to switch the camera off first can also result in damage to the xD-Picture Card or malfunctions during PC connection.



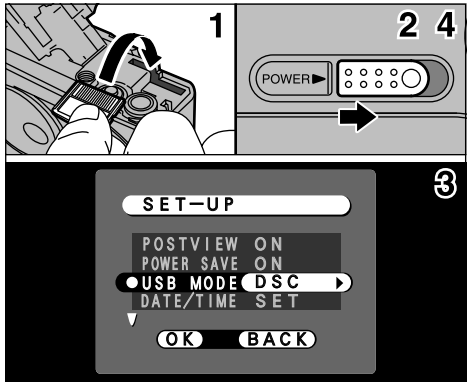
✻ Sold separately

Check that the camera is switched off. Plug the AC power adapter connector into the “DC IN 3V” socket and then plug the AC power adapter into the power outlet.

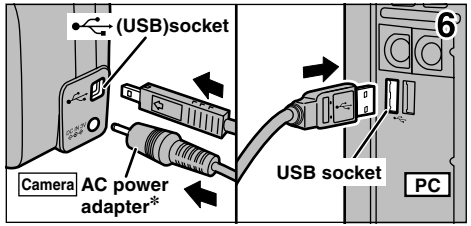
✻The socket-outlet shall be installed near the equipment and shall be easily accessible.
✻The shape of the plug and socket-outlet depends on the country of use.

Connecting the AC power adapter does not allow you to charge the Ni-MH batteries. Use the optional charger (➡P.102) to charge the Ni-MH batteries.

7.2 Use at DSC mode



1. **Load an xD-Picture Card containing photographed images into your camera. Plug the AC power adapter connector into the DC IN 3V socket on the camera and then plug the adapter itself into the main power outlet.**
2. **Slide the power switch to the side to turn the camera on.**
3. **Set the "USB MODE" setting in the "SET–UP" menu to "DSC" (➡P.68, 69).**
4. **Slide the Power switch to the side to turn the camera off.**



* Sold separately

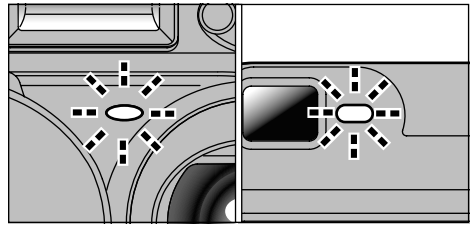
5. **Switch your PC on.**
6. **Use the special USB cable to connect the camera to your computer.**
7. **Switch the camera on.**

If you are using a Windows PC, the driver settings are specified automatically when installation is completed. No further action is required.

Always use the prescribed procedure when disconnecting or switching off the camera (➡P.90).

* On Windows XP and Mac OS X, you must specify the automatic launch settings the first time you connect the camera to your computer.
* Take care to ensure that the special USB cable is connected the correct way around and that the plugs are pushed fully into the connection sockets.

■ Camera Operation



- When the camera and computer are exchanging data, the self timer lamp flashes and the viewfinder lamp flashes alternately green and orange.
- "DSC" appears on the screen.
- Power Save is disabled when the camera is connected to a USB port.

* Before replacing the xD-Picture Card, always disconnect the camera from the PC using the procedure on P.90.
* Do not disconnect the USB cable when the camera is communicating with the PC. See P.90 for information on the disconnection procedure.

■ PC Operation

Windows 98/98 SE/Me/2000 Professional

* The Windows CD-ROM may also be required during installation. In this event, switch CD-ROMs as directed by the on-screen instructions.

- FinePixViewer automatically starts up.

* Screen for Windows 98 SE

- A removable disk icon appears and you can use your PC to transfer files to and from the camera.

If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

Windows XP

1. The "Found New Hardware" help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.

✻ This step is not required for subsequent connections.

2. Specify the settings in the "AutoPlay" dialog box.

■ When FinePixViewer is included in the list of actions to perform

Select "Viewing images using FinePixViewer" and then select the "Always do the selected action" checkbox. (This checkbox may not be shown in some cases.)
Click the [OK] button to launch FinePixViewer.

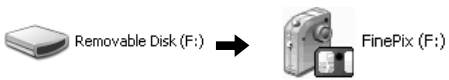
■ When FinePixViewer is not included in the list of actions to perform

Select "Take no action" and then select the "Always do the selected action" checkbox. (This checkbox may not be shown in some cases.)
Click the [OK] button and launch FinePixViewer manually.

3. A new removable disk icon appears in the "My Computer" window.

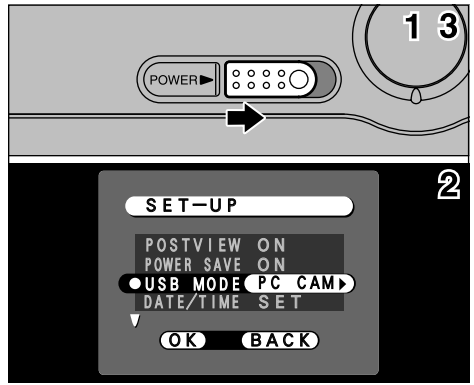
TIP

The next time you connect the camera, the removable disk drive icon and name change to the "FinePix" icon and name.



Proceed to "Using FinePixViewer" on page 92.

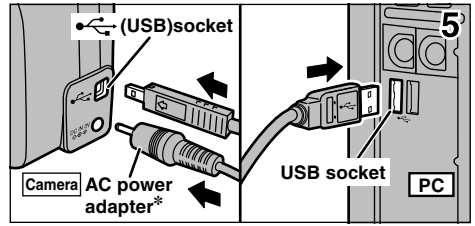
7.3 Use at PC-CAM mode



Plug the AC power adapter connector into the DC IN 3V socket on the camera and then plug the adapter itself into the main power outlet.

1. Slide the power switch to the side to turn the camera on.
2. Set the "USB MODE" setting in the "SET–UP" menu to "PC CAM" (➡P.68, 69).
3. Slide the power switch to the side to turn the camera off.

✻Select Macro mode for close-up shots (➡P.43). Although the "❦" icon is not displayed.



✻ Sold separately

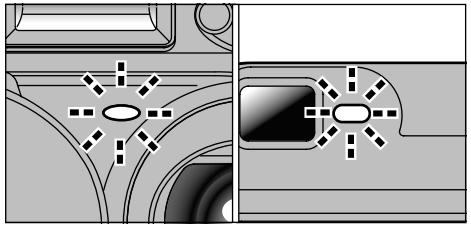
4. Switch your PC on.
5. Use the special USB cable to connect the camera to your computer.
6. Switch the camera on.

If you are using a Windows PC, the driver settings are automatically specified when installation ends. Just wait a few moments.

Always use the prescribed procedure when disconnecting or switching off the camera (➡P.90).

✻Take care to ensure that the special USB cable is connected the correct way around and that the plugs are pushed fully into the connection sockets.

■ Camera Operation



- When the camera and computer are exchanging data, the self timer lamp flashes and the viewfinder lamp flashes alternately green and orange.
- "PC CAM" appears on the screen.
- Power Save is disabled when the camera is connected to a USB port.

✻Do not disconnect the USB cable when the camera is communicating with the PC. See P.90 for information on the disconnection procedure.

✻If the camera is used as a PC camera, a light source such as fluorescent tube stand can be used to illuminate the subject and get a brighter image.

✻When the camera is connected to a computer as a PC camera, the color tones on the LCD monitor may change briefly.

■ PC Operation

1. FinePixViewer automatically starts up and the PictureHello window opens (Windows only).

✻ Screen for Windows 98 SE

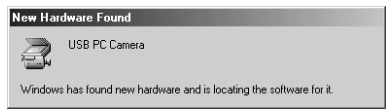
If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

2. Check PC operation. The installation procedure differs depending on the operating system running on your PC.

✻This step is not required for subsequent connections.

Windows 98/98 SE/Me

The "New Hardware Found" wizard appears. The wizard will close when the settings are completed. No action is required.



✻ The Windows CD-ROM may also be required during installation. In this event, switch CD-ROMs as directed by the on-screen instructions.

Windows 2000 Professional

If the "Digital Signature Not Found" dialog box appears, click the [Yes] button.

Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

Windows XP

The USB PC Camera Driver is installed automatically. When the following screen appears, click the [Continue] button.

3. FinePixViewer starts up automatically and the live image is displayed.

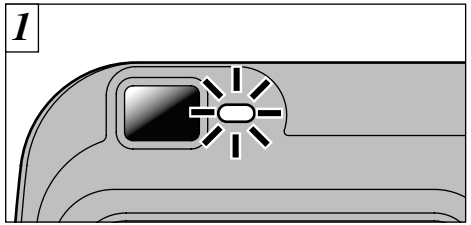
NOTE

If the live image does not appear, refer to "Troubleshooting" in the FinePixViewer User's Guide (PDF).

TIP

The Exif Launcher installed with the FinePixViewer automatically launches FinePixViewer when you connect the camera to your PC.

7.4 Disconnecting the Camera



1. **Quit all applications (FinePixViewer etc.) that are using the camera.**
2. **Check that the viewfinder lamp is lit green or that the self timer lamp is off (no data is being exchanged with the computer).**

For a DSC connection, proceed to step 2.
For a PC CAMERA connection, proceed to step 3.

✻Even when "Copying" is no longer displayed on the computer, the camera and the computer may still be exchanging data. Always check that the viewfinder lamp is lit green or that the self timer lamp is off.

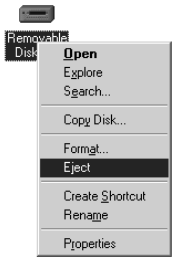
2 Perform the steps shown below before you switch the camera off. This procedure differs depending on the operating system software (or PC) you are using.

Windows 98/98 SE

No PC operation is needed.

Windows Me/2000 Professional/XP

1. **Right-click the removable disk icon in the "My Computer" window and select Eject. This step is only required in Windows Me.**



2. **Left-click the Eject icon in the taskbar and eject "USB Disk".**

✻Screen for Windows Me

3. **The menu option shown below appears. Click on this option.**

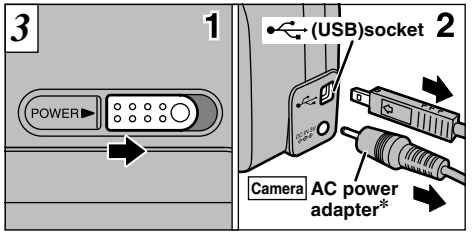
✻Screen for Windows Me

4. **The "Eject hardware" dialog box appears. Click the [OK] button or the close button.**

Macintosh

Drag the "Removable drive" icon on the desktop to the Trash.

✻When you drag the icon to the Trash, "REMOVE OK" appears on the camera's LCD monitor.



✻Sold separately

1. **Switch the camera off.**
2. **Unplug the special USB cable from the camera.**

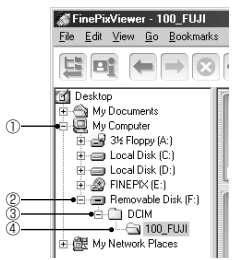
8 Using FinePixViewer

8.1 Saving Images on Your Computer and viewing images

This section gives a brief overview of how to use FinePixViewer. Refer to these instructions while you are using FinePixViewer.

1. **Connect the camera to your computer in DSC mode (➡P.84).**
2. **When you open the folders shown below in order, the images in the camera are displayed in the thumbnail display area.**

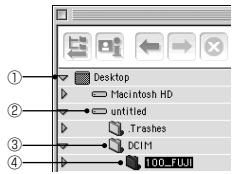
Windows



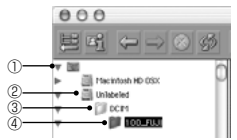
NOTE

On Windows XP, the removable disk appears as "FinePix" (for the second and subsequent connections).

Mac OS 8.6-9.2



Mac OS X



3. **Click the [Automatic Taking] button.**

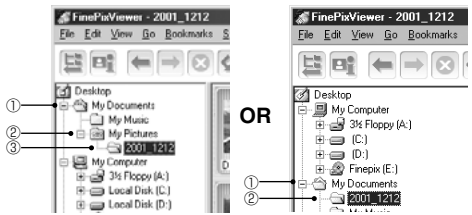
Copies multiple images at once.

4. **Check that the files are downloaded from the camera to your computer and that a folder with the photography date is created. Open the folder as shown below.**

TIP

To open a folder, click on the plus "⊞" symbol (Windows) or arrow " ▶ " (Macintosh) to the left of the folder.

Windows



Mac OS

Indicates the folder in which FinePixViewer is installed.

5. **Double-click a still-image thumbnail to open an image window.**

For more information on using the software, refer to "How to use FinePixViewer" in the HELP menu which was installed from the CD-ROM.

Always use the prescribed procedure when disconnecting or switching off the camera (➡P.90).

8.2 Making a FinePix CD Album

For using "ImageMixer VCD for FinePix" to create CD albums and video CDs.

- To create CD-Rs or video CDs, you will need a CD-R drive.
- Refer to the "ImageMixer VCD for FinePix" help file for more detailed information.
- For inquiries regarding "ImageMixer VCD for FinePix"

PIXELA User Support Center

PIXELA Home Page: http://www.ImageMixer.com/
North America (Los Angels) Telephone: +1-213-341-0163
Europe (U.K.) Telephone: +44-1489-564-764
Asia (Philippines) Telephone: +63-2-438-0090
Japan (Osaka) Telephone: +81-72-224-0181

8.3 Using the FinePix Internet Service

NOTE

Mac OS X users should refer to P.96.

Using FinePixViewer also allows you to access the FinePix Internet Service via the Internet.

* A working Internet connection is required not only for FinePix Internet Service, but also online FAQ (FinePixViewer frequently asked and responses) and latest updates.
* A FinePix Internet Service fees do not include your Internet service provider (ISP) connection fees or any phone charges incurred in dialing your ISP's access point.

8.3.1 Using FAQ

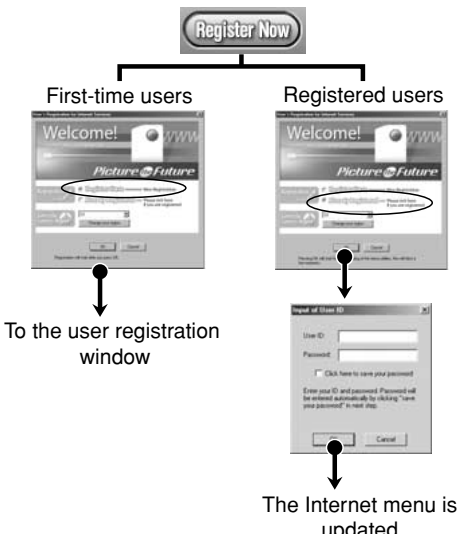
On FinePixViewer,sellct "QuickStart Guide/Online FAQ" from "Help" menu, then click "FinePixViewer Q&A". You may obtain an answer to your question via internet.

8.3.2 User Registration

■ For Windows and Mac OS 8.6 to 9.2

NOTE

Your user ID and password are very important. Make sure you do not forget them.



To use the FinePix Internet services, users must first register.

* Follow the steps below to register. Users can be registered for free.

1. Launch FinePixViewer.

2. Click the [Register Now] button.

3. The "User's Registration for Internet Services" dialog box opens. As shown at right, select [Register Here], then select the country or region where you are living and click the [OK] button.

* If you are not already connected to the Internet, connect now (A dial-up dialog box may be displayed).
* If you have completed the user registration, select "Already Registered" (E.g. When you want to re-install FinePixViewer after completing user registration).
* If the country or area where you are living does not appear in the pull-down list, select "OTHERS".

4. When the browser starts up, proceed as directed by the on-screen instructions.

5. Enter the required information in the user registration page.

① Enter the name of your choice (nickname, etc.).
② Enter a password of your choice using letters and/or numbers. Then enter the password again for confirmation.
③ Enter your name.
④ Enter your E-mail address.
⑤ Enter the remaining required information.

✻ After you register, a confirmation E-mail message is sent to you. Be sure to enter a valid E-mail address at which you can receive the message.
✻ The actual user registration page may differ slightly in appearance from the sample shown here.

6. When you have entered all the required information, click the [Registration] button at the bottom of the page.

Once you complete the registration, a confirmation E-mail is sent. Wait a few moments until the message is sent.

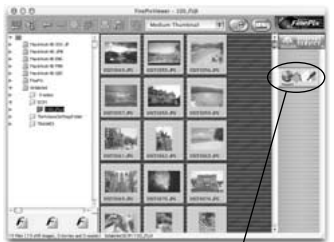
■ For Mac OS X

To use the FinePix Internet services, users must first register.

✻ Follow the steps below to register. Users can be registered for free.

1. Double-click the "FinePixViewer" icon in the installed folder.

2. Click the [User's Registration] button. The "Operation Selection" dialog box appears.



<User's Registration button>

3. Select "User's registration" and click the [OK] button.

✻ If you are not already connected to the Internet, connect now. (A dial-up dialog box may be displayed.)
✻ Only select "Menu Acquisition" if you have already completed the user registration process and you have re-installed "FinePixViewer", etc.

4. The User's Registration dialog box opens. Select the country or area where you are living and click the [OK] button.

✻ The actual user registration page may differ slightly in appearance from the sample shown here.
✻ If the country or area where you are living does not appear in the pull-down list, select "OTHERS".

5. When the browser starts up, proceed as directed by the on-screen instructions.

6. Enter the required information in the user registration page.

① Enter the name of your choice (nickname, etc.).
② Enter a password of your choice using letters and/or numbers. Then enter the password again for confirmation.
③ Enter your name.
④ Enter your E-mail address.
⑤ Enter the remaining required information.

✻ After you register, a confirmation E-mail message is sent to you. Be sure to enter a valid E-mail address at which you can receive the message.
✻ The actual user registration page may differ slightly in appearance from the sample shown here.

7. When you have entered all the required information, click the [Register] button at the bottom of the page.

Once you complete the registration, a confirmation E-mail is sent. Wait a few moments until the message is sent.

8.4 Mastering FinePixViewer

For more information on FinePixViewer functions not fully explained in this manual, refer to "**How to Use FinePixViewer**" in the Help menu for details.

■ To read "How to Use FinePixViewer"...

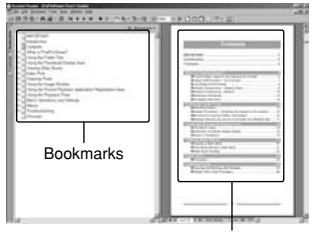
You must install Adobe Acrobat Reader. See P.79 for information on installing Acrobat Reader.

■ What is explained in "How to Use FinePixViewer"...

"How to Use FinePixViewer" covers a range of topics, including batch processing and ordering prints.

■ Example: Looking up slide shows

1. **Click "How to Use FinePixViewer" in the FinePixViewer Help menu.**
2. **Search for relevant articles by clicking the corresponding items in the Help "Bookmarks" or "Contents". Here, click "Viewing Slide Shows".**



3. **The "Viewing Slide Shows" information is displayed. Press the "←" key to view the previous page or the "→" key to view the next page.**

✻ For more information on using Acrobat Reader, refer to the Acrobat Reader "Help" menu.

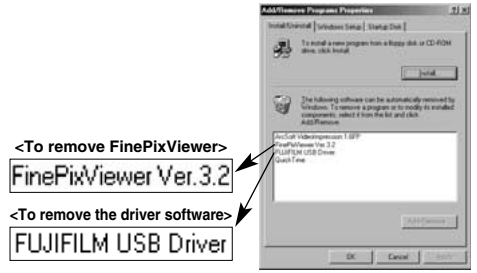
8.5 Uninstalling the Software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Windows

1. **Switch on your PC.**
2. **Disconnect the camera (➡P.90, 91).**
3. **Quit all currently running applications.**
4. **Close all files.**
5. **Open the "My Computer" window, open the "Control Panel", and double-click "Add/Remove Programs".**

6. **The "Add/Remove Programs Properties" window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.**



7. **When the confirmation message appears, click the [OK] button. Check your selection carefully since the process cannot be cancelled once you click [OK].**

8. **Automatic uninstallation begins. When uninstallation ends, click the [OK] button.**

Macintosh

NOTE

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Mac OS 8.6-9.2

■ Uninstalling Mass Storage Driver and PC Camera Driver

1. **Check that the camera is not connected to your Macintosh.**
2. **Drag all the files that begin with "USB04CB..." to the Trash.**
3. **Restart your Macintosh.**
4. **Select "Empty Trash" in the "Special" menu.**

■ Uninstalling Exif Launcher, FinePixViewer and DP Editor

1. **After you have quit Exif Launcher in "Exif Launcher Settings" in the FinePixViewer "Settings" menu, move the Exif Launcher file from the "Startup Items" folder in the System folder to the Trash. Then select "Empty Trash" in the "Special" menu.**
2. **After you have exited FinePixViewer and DP Editor and then drag the installed FinePixViewer folder to the Trash. Then click "Empty Trash" in the "Special" menu.**

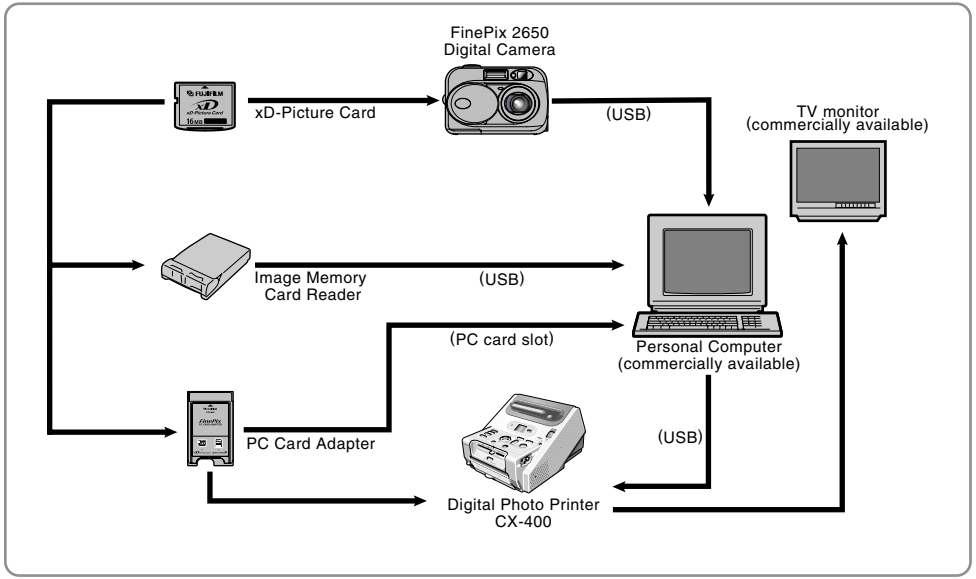
Mac OS X

■ Uninstalling FinePixViewer

Quit FinePixViewer and DP Editor. Then drag the installed FinePixViewer folder to the Trash and select "Empty Trash" in the "Special" menu.

System Expansion Options

▶ By using the FinePix 2650 together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.

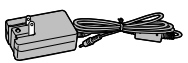


Accessories Guide

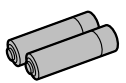
▶ The optional accessories (sold separately) can make taking pictures with the FinePix 2650 even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.
Visit the FUJIFILM web site for the latest information on camera accessories.
http://home.fujifilm.com/products/digital/index.html

● **xD-Picture Card**
These are separately available xD-Picture Cards.
Use the following xD-Picture Card:
DPC-16 (16MB)/DPC-32 (32MB)/DPC-64 (64MB)/DPC-128 (128MB)

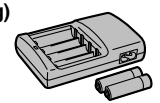
● **AC Power Adapter AC-3V**
Use the AC power adapter when you want to take pictures or play back images for long periods or when the camera is connected to a computer.
✻ The shape of the AC power adapter, the plug and socket outlet depend on the country.



● **FUJIFILM Rechargeable Battery 2HR-3UF**
The 2HR-3UF includes two (2) high-capacity AA-size Nickel Metal Hydride batteries.

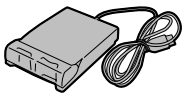


● **FUJIFILM Battery charger with Battery BK-NH (with Euro type or UK type plug)**
The BK-NH includes the quick battery charger BCH-NH and 2 Ni-MH batteries.
The BCH-NH can charge 2 Ni-MH batteries in approximately 120 minutes.
Up to 4 Ni-MH batteries can be charged simultaneously.



● **SC-FX26**
This is a special case made of polyester that protects the camera against soil, dust and minor impacts when it is being carried.

● **DPC-R1 Image Memory Card Reader**
The DPC-R1 provides a quick and easy way to transfer images back and forth between your PC and an image memory card (xD-Picture Card and SmartMedia). The DPC-R1 uses the USB interface for high-speed file transfer.
- Compatible with Windows 98/98 SE, Windows Me, Windows 2000 Professional, Windows XP or iMac, Mac OS 8.6 to 9.2.2, Mac OS X (10.1.2 to 10.1.5) and models that support USB as standard.
- Compatible with SmartMedia of 3.3V, 4MB to 128MB.



● **DPC-AD PC Card Adapter**
The PC Card Adapter allows the xD-Picture Card and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type Ⅱ).
- Compatible with SmartMedia of 3.3V, 2MB to 128MB.

Notes on Using Your Camera Correctly

▶Be sure to read this information in conjunction with “Safety Notes” (➡P.119), to ensure that you use your camera correctly.

■ Places to Avoid

Do not store or use the camera in the following types of locations:

- In the rain or in very humid, dirty or dusty places.
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer.
- Extremely cold places.
- Places subject to strong vibration.
- Places affected by smoke or steam.
- Places subject to strong magnetic fields (such as near motors, transformers or magnets).
- In contact with chemicals such as pesticides or next to rubber or vinyl products for long periods of time.

■ Notes on Immersion in Water or Sand

The FinePix 2650 is particularly adversely affected by water and sand. When you are at the beach or close to water, ensure that the camera is not exposed to water or sand. Take care not to place the camera on a wet surface. Water or sand inside the camera can cause faults that may be irreparable.

■ Notes on Condensation

If the camera is carried suddenly from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, switch the camera off and wait an hour before using the camera. Condensation may also form on the xD-Picture card. In this event, remove the xD-Picture Card and wait a short time before using it again.

■ When the Camera is Unused for Long Periods

If you do not intend to use the camera for a long period of time, remove the batteries and the xD-Picture Card before storing the camera.

■ Cleaning Your Camera

- Use a blower brush to remove dust from the lens, LCD monitor screen or viewfinder as these surfaces and then wipe lightly with a soft, dry cloth. If any soil remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
- Clean the body of the camera with a soft, dry cloth. Do not use volatile substances such as thinners, benzine or insecticide, as these may react with camera body and cause deformation or remove the coating.

■ Using the Camera Overseas

When travelling overseas, do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.

Notes on the Power Supply

Applicable Batteries

- AA-size alkaline, Ni-MH (nickel-metal hydride) can be used with this camera.
  Do not use AA-size manganese, lithium or nickel-cadmium (Ni-Cd) batteries in your FinePix camera because the heat generated by the batteries could damage the camera or cause malfunctions.
- The operating lives of alkaline batteries vary between brands and the life of batteries you purchase may be shorter than the alkaline batteries provided with the camera.

Notes on the Batteries

Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.

- Do not heat the batteries or throw them into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins that could come into contact with the metal positive ⊕ and negative ⊖ poles of the batteries.
- Do not expose the batteries to fresh or sea water, and take particular care to keep the terminals dry.
- Do not attempt to deform, disassemble or modify the batteries.
- Do not attempt to peel off or cut the batteries casing.
- Do not drop, strike or otherwise subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored or exhibit any other obvious abnormality.
- Do not store batteries in very warm or moist locations.
- Keep the batteries out of reach of babies and small children.
- When loading the batteries into the camera, ensure that the battery polarity (⊕ and ⊖) is as indicated on the camera.
- Do not use new batteries together with used batteries. In the case of rechargeable batteries, do not use charged and discharged batteries together. Do not use batteries of different types or brands together.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera. (Note that if the camera is left with the batteries removed, the time and date settings are cleared.)
- The batteries may feel warm immediately after being used. Before removing the batteries, switch the camera off and wait until the batteries cool down.
- When replacing the batteries, always fit 2 new batteries. Here, “new batteries” refers to either recently purchased unused alkaline batteries, or Ni-MH (nickel metal hydride) batteries that have recently been fully recharged together.
- In cold locations (at temperatures of +10°C/+50°F or below), battery performance deteriorates and the time for which they can be used shortens markedly. This is particularly true of alkaline batteries. In cold conditions, put the batteries in your pocket or a similar place to warm them before loading them into the camera. If you use a body warmer to warm the batteries, ensure that they are not in direct contact with the warmer.

- Soil (such as fingerprints) on the battery terminals can markedly reduce the number of available shots. Carefully wipe the battery terminals clean with a soft dry cloth before loading the batteries.

⚠ If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.
⚠ If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

■ Disposing of Batteries

When disposing of batteries, do so in accordance with your local waste disposal regulations.

■ Notes on Small Rechargeable Batteries (Ni-MH batteries)

- Always use the special battery charger to charge AA-size Ni-MH batteries. Charge the batteries as described in the instructions provided with the battery charger.
- Do not use the battery charger to charge batteries other than those specified for use with the charger.
- Note that the batteries may feel warm immediately after being charged.
- Ni-MH batteries are not charged at shipment. Be sure to charge the batteries before using them.
- The camera mechanism is such that it draws a minute amount of current even when the camera is switched off. Take particular care not to leave Ni-MH batteries in the camera for a long period of time as they can become excessively discharged and may no longer be usable even when charged.
- Ni-MH batteries self-discharge even when not used. Always charge Ni-MH batteries before using them. If the time for which a battery provides power shortens markedly when it has been correctly charged, this indicates that the battery has reached the end of its effective life and should be replaced.
- Soil (fingerprints, etc) on the terminals of Ni-MH batteries can greatly reduce the number of available shots. When this occurs, clean the terminals carefully with a soft dry cloth. Then use up the remaining charge in the batteries and recharge them.
- Newly purchased batteries or batteries that have been left unused for an extended period may not be fully charged. (This is indicated by the immediate display of the battery low warning or a low number of available shots.) This is a normal characteristic of the batteries and does not indicate a fault. Repeatedly charging and using the batteries 3 or 4 times will restore them to a normal condition.
- If you repeatedly charge a Ni-MH batteries before it is fully discharged, it will suffer from the “memory effect”*, causing the battery low warning to appear while there is still ample charge remaining in the battery. To restore the batteries to their normal condition, use up all the charge in the batteries before recharging them.

*Memory effect: A phenomenon affecting the battery characteristics such that the apparent battery capacity decreases.

AC Power Adapter

Use only the AC-3V AC Power Adapter (sold separately) with your FinePix 2650 Digital Camera. The use of other AC power adapters may result in damage to your camera.

- This AC power adapter is designed exclusively for indoor use.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the power switch of the FUJIFILM Digital camera before disconnecting the connection cord from the FUJIFILM Digital camera’s DC input terminal. To disconnect, take hold of the plug and pull it out (do not disconnect it by pulling on the cord).
- Do not use this AC power adapter with any device except the specified device.
- During use, this AC power adapter will become hot to touch, but this is normal.
- Do not disassemble the AC power adapter. Doing so could be dangerous.
- Do not use this device in a place with high temperature and high humidity.
- Do not drop or subject this device to strong shocks.
- This device may emit a humming noise, but this is normal.
- If used near a radio, this device may cause static, so play the radio in a distant place.

Notes on the xD-Picture Card

■Image Memory Card

- This Image Memory Card is a new image recording media (xD-Picture Card) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data.
  The recording process is electrically performed and enables erasure of existing image data as well as re-recording of new image data.
- When using a new Memory Card, or a Memory Card that has been initialized by a PC, be sure to initialize (format/initialize) the card with your digital camera before using it.

■Protecting Your Data

- Data may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
  1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
  2. Improper handling and use of the memory card by the user or third party.
- We recommend saving your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

■Notes on Handling xD-Picture Card

- Keep xD-Picture Cards out of the reach of small children. When storing xD-Picture Cards, ensure that they are kept in a location out of the reach of small children to prevent a card being accidentally swallowed. An xD-Picture Card could cause suffocation if accidentally swallowed. If a child swallows an xD-Picture Card, seek medical advice immediately.
- Make sure that the memory card is straight when you insert into the camera etc.
- The memory card is a precision electronic instrument. Do not apply pressure or shock, and avoid bending it.
- Do not use the memory card in a hot, humid, or corrosive environment.
- If the contact area on the card is soiled (dust, fingerprints, etc.), wipe it clean with a soft, dry cloth.
- Clean the memory card with a soft dry piece of cloth when dirty.
- When you carry or store it, always keep the card in the anti-static case provided. Use a storage case if available.
- The memory card can be used reliably for a long period of time, but will eventually lose its ability to store and play back image data. At this point, replace with a new memory card.
- Never remove the xD-Picture Card or switch the camera off during data recording, during data erasing (xD-Picture Card formatting) or during frame advance when images are being played back. These actions could result in damage to the xD-Picture Card.
- The use of xD-Picture Cards is recommended with the FinePix 2650.
  The camera quality cannot be guaranteed when cards other than those manufactured by FUJIFILM are used.
- The xD-Picture Card may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.
- Do not affix labels to the xD-Picture Card.
  This could result in the label peeling off and causing a fault when the card is inserted or removed.

■Notes on Using xD-Picture Card with a PC

- If you intend to take photos using an xD-Picture Card that has been used on a PC, format the xD-Picture Card on your camera.
- When you format an xD-Picture Card in the camera and then shoot and record images, a directory (folder) is automatically created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) names or file names on the xD-Picture Card from your PC as this will make it impossible to use the xD-Picture Card in your camera.
- Always use the camera to erase image data on an xD-Picture Card.
- To edit image data, copy the image data to the PC's hard disk and then edit the copied data.
- Do not copy files other than those that will be used by the camera.

■Specifications

Type	Image memory card for digital cameras (xD-Picture Card)
Memory type	NAND-type flash memory
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% max. (no condensation)
Dimensions	25 mm × 20 mm × 2.2 mm (0.98 in. × 0.79 in. × 0.09 in.) (W × H × D)

Warning Displays

▶ The table below lists the warnings that are displayed on the LCD monitor

Warning Displayed	Explanation	Remedy
(Lit red) (Blinking red)	The batteries in the camera are fully depleted or very low on charge.	Replace the batteries or have new batteries ready.
	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, a tripod should be used for some scenes and modes.
!AE	Outside the AE continuous range.	The shot can be taken, but the exposure will not be correct.
!AF	The AF (auto focus) cannot work effectively.	• If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. • Use AF lock to take the picture.
!NO CARD	No xD-Picture Card is loaded.	Load an xD-Picture Card in the correct direction.
!CARD NOT INITIALIZED	• The xD-Picture Card is not formatted. • The xD-Picture Card contact area is soiled. • Camera fault.	• Format the xD-Picture Card. • Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the error message is still displayed, replace the xD-Picture Card. • Contact your FUJIFILM dealer.
!CARD ERROR	• The xD-Picture Card contact area is soiled. • The xD-Picture Card is damaged. • The xD-Picture Card format is incorrect. • Camera fault.	• Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the error message is still displayed, replace the xD-Picture Card. • Contact your FUJIFILM dealer.
!CARD FULL	The xD-Picture Card is fully recorded.	Erase some images or use an xD-Picture Card that has ample free space.

Warning Displayed	Explanation	Remedy
!READ ERROR	• An attempt was made to playback a frame not recorded on this camera. • The xD-Picture Card contact area is soiled. • Camera fault. • You attempted to play back a movie file that was not recorded on this camera.	• Images cannot be played back. • Wipe the contact surface on the xD-Picture Card thoroughly with a soft, dry cloth. In some cases, you may have to format the xD-Picture Card. • Contact your FUJIFILM dealer. • Play back the movie on a computer or on the camera on which it was recorded.
!FILE NO. FULL	The frame number has reached 999–9999.	Take the shot using a formatted xD-Picture Card.
!WRITE ERROR	• The data could not be recorded due to an xD-Picture Card error or a connection error between the xD-Picture Card and camera. • The photographed image cannot be recorded as it is too large to fit in the available space on the xD-Picture Card.	• Re-insert the xD-Picture Card or switch the camera off and then on again. • Use a new xD-Picture Card.
!PROTECTED FRAME	A protected file was encountered.	Protected files cannot be erased. Remove the protection.
!DPOF FILE ERROR	Prints were specified for more than 1000 frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same xD-Picture Card is 999. Copy the images for which you want to order prints onto another xD-Picture Card and then specify the DPOF settings.

Warning Displays

Warning Displayed	Explanation	Remedy
! F O C U S E R R O R ! Z O O M E R R O R	Camera malfunction or fault.	• Switch the camera on again, taking care not to touch the lens. • Switch the camera off and on again.
! L E N S C O V E R	The lens cover is not open.	Open the lens cover.

Troubleshooting

▶ If you think the camera is faulty, check the following once more.

Troubleshooting	Possible causes	Solutions
No power.	• The batteries are exhausted. • The AC power adapter plug has come out of the power outlet. • The batteries are loaded the wrong way round.	• Load new batteries. • Plug the adapter back in. • Load the batteries in the correct direction.
Power cuts out during operation.	The batteries are exhausted.	Load new batteries.
Batteries runs out quickly.	• Camera is being used in extremely cold conditions. • The terminals are soiled. • The batteries have reached the end of their operating lives.	• Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture. • Wipe the battery terminals with a clean, dry cloth. • Load new batteries.
No photograph is taken when the shutter button is pressed.	• No xD-Picture Card is loaded. • The xD-Picture Card is fully recorded. • The xD-Picture Card is not formatted. • The xD-Picture Card contact area is soiled. • The xD-Picture Card is damaged. • The Power Save function has switched the camera off. • The batteries are exhausted.	• Load an xD-Picture Card. • Load a new xD-Picture Card or erase some unwanted frames. • Format the xD-Picture Card. • Wipe the xD-Picture Card contact area with a clean dry cloth. • Load a new xD-Picture Card. • Switch the camera on. • Load new batteries.

Troubleshooting

▶ If you think the camera is faulty, check the following once more.

Troubleshooting	Possible causes	Solutions
Can't use the flash to take pictures.	• The shutter button was pressed while the flash was charging. • The batteries are exhausted. • The Suppressed Flash mode is selected.	• Wait until charging is completed before pressing the shutter button. • Load new batteries. • Set the flash mode to Auto, Red-eye Reduction or Forced Flash (The flash cannot be used in some modes).
The photographed image is dark even though I used the flash.	• The subject is too far away. • Your finger was covering the flash/flash control sensor.	• Move to within the effective flash range before taking the shot. • Hold the camera correctly.
The playback image is faded when I used the flash to take a picture.	• There is dust on the flash control sensor.	• Use an applicator such as a cotton swab to clean the flash control sensor.
The image is blurred.	• The lens is dirty. • You photographed scenery with Macro mode selected. • You took a close-up shot without selecting Macro mode. • You are shooting a subject that is not suited to autofocusing.	• Clean the lens. • Cancel Macro mode. • Select Macro mode. • Use AF/AE lock to take the shot.
There is speckling on the image.	The shot was taken with a slow shutter speed (long exposure) in a high-temperature environment.	This is a characteristic of CCDs and does not indicate a camera fault.

Troubleshooting	Possible causes	Solutions
Frame erase does not erase the frame.	• Some frames may be protected.	• Remove the protection.
The ERASE ALL function does not erase all the frames.		
Can't format the xD-Picture Card.	The xD-Picture Card contact area is soiled.	Wipe the xD-Picture Card contact area with a clean dry cloth.
When the camera is connected to a personal computer (PC), the shot image appears on the camera's LCD monitor.	• The USB cable is not properly connected to the computer or camera. • The PC is not switched on.	• Set up the camera and the USB cable correctly. • Switch the PC on.
Nothing happens when I use the Mode switch.	• Camera malfunction. • The batteries are exhausted.	• Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again. • Replace the batteries.
The camera no longer works correctly.	The camera has suffered an unforeseen problem.	Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again.

Specifications

System

- **Model**
  Digital camera FinePix 2650
- **Number of effective pixels**
  2.0 million
- **CCD Sensor**
  1/2.7-inch square pixel CCD
  Total number of pixels: Approx. 2.11 million
- **Image quality**
  1600 × 1200 pixels (1.92 million pixels)/1280 × 960 pixels/640 × 480 pixels
- **File format**
  Still image: JPEG (Exif Ver. 2.2), DPOF-compatible
  Movie : AVI format, motion JPEG
  ✻Design rule for Camera File system compliant
- **Viewfinder**
  Real image optical; Frame coverage: 80%
- **Lens**
  Fujinon optical 3× zoom lens
- **Aperture**
  F3.5/F8.7 (automatically selected)
- **Storage media**
  xD-Picture Card (16MB to 128MB)
- **Focus distance**
  f = 6 mm-18 mm
  (equivalent to 38 mm-114 mm on a 35 mm camera)
- **Exposure control**
  64 zones TTL metering, Program AE
  (exposure compensation available in Manual mode)
- **Sensitivity**
  Equivalent to ISO 100
- **White balance**
  Auto (7 positions selectable in Manual mode)
- **Focal range**
  Normal:Approx. 80 cm (2.6 ft.) to infinity
  Macro: Approx. 10 cm (3.9 in.) to 80 cm (2.6 ft.)
- **Shutter speeds**
  Variable-speed, 1/2 to 1/1000 sec.
  (combined with mechanical shutter)

- **Standard number of available shots/recording time per xD-Picture Card**

Quality mode	2M • F	2M • N	1M	0.3M	320	160
Number of recorded pixels	1600 × 1200		1280 × 960	640 × 480	320 × 240	160 × 120
Image Data Size	Approx. 620 KB	Approx. 390 KB	Approx. 320 KB	Approx. 130 KB	—	—
DPC-16 (16 MB)	25	39	49	122	Approx. 94 sec.	Approx. 5.0 min.
DPC-32 (32 MB)	50	79	99	247	Approx. 191 sec.	Approx. 10.1 min.
DPC-64 (64 MB)	101	159	198	497	Approx. 6.4 min.	Approx. 20.2 min.
DPC-128 (128 MB)	204	319	398	997	Approx. 12.9 min.	Approx. 40.6 min.

- **Flash (Auto flash using flash control sensor)**
  Effective range: Wide-angle Approx. 0.2 m – 3.0 m (0.6 ft. – 9.8 ft.)
  : Telephoto Approx. 0.8 m – 3.0 m (2.6 ft. – 9.8 ft.)
  Flash modes: Auto, Red-Eye Reduction,
  Forced Flash, Suppressed Flash, Slow Synchro
- **LCD monitor**
  1.5-inches, 55,000-pixels D-TFD
- **Self-Timer**
  10 sec. timer clock

Input/Output Terminals

- **DC IN 3V (Power input) socket**
  Special AC Power Adapter AC-3V
- **⇄ (USB) socket**
  USB (1) for image data output with a personal computer

Power Supply and Others

- **Power supply**
  Use one of the following:
  • 2AA-size alkaline batteries
  • 2AA-size Ni-MH (nickel metal hydride) batteries (sold separately)
  • AC Power Adapter AC-3V (sold separately)
- **No. of available shots using battery (battery life)**

Battery type	With LCD monitor ON	With LCD monitor OFF
Alkaline batteries	Approx. 150 frames	Approx. 250 frames
Ni-MH batteries HR-3UF 1700 mAh	Approx. 250 frames*	Approx. 400 frames*

(Condition: Power saving mode ON, with fully charged battery (Ni-MH))

This indicates the number of available frames shot consecutively at room temperature with a flash use rate of 50%. Note that these figures may vary depending on the ambient temperature and the amount of charge in the battery. The number of available shots or available shooting time will be lower in cold conditions.

- **Conditions for use**
  Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)
- **Camera dimensions (W × H × D)**
  100.4 mm × 65 mm × 51.7 mm/4.0 in. × 2.6 in. × 2.0 in. (not including accessories and attachments)
- **Camera mass (weight)**
  Approx. 185 g/6.5 oz (not including, batteries and xD-Picture Card)
- **Mass (weight) for photography**
  Approx. 240 g/8.5 oz (including batteries and xD-Picture Card)
- **Accessories**
  See P.7
- **Optional Accessories**
  See P.102, 103

✻ These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
✻ The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
✻ The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).

Explanation of Terms

DPOF: Digital Print Order Format
DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are printed and how many prints are made of each image.

EV:
A number that denotes Exposure Value. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed. When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

JPEG: Joint Photographics Experts Group
A file format used for compressing and saving color images. The compression ratio can be selected, but the higher the compression ratio, the poorer the quality of the expanded image.

Motion JPEG:
A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

PC Card:
A generic term for cards that meet the PC Card Standard.

PC Card Standard:
A standard for PC cards determined by the PCMCIA.

PCMCIA:
Personal Computer Memory Card International Association (US).

White Balance:
Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance. A function that automatically matches the white balance is called **an Automatic White Balance function**.

Safety Notes

- To ensure that you use your FinePix 2650 camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
- After reading these Safety Notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

⚠ **WARNING**	**This icon indicates that death or serious injury can result if the information is ignored.**
⚠ **CAUTION**	**This icon indicates that personal injury or material damage can result if the information is ignored.**

The icons shown below are used to indicate the nature of the information which is to be observed.

Triangular icons notify the user of information requiring attention ("Important").

Circular icons with a diagonal bar notify the user that the action indicated is prohibited ("Prohibited").

Filled circles with an exclamation mark notify the user of an action that must be performed ("Required").

⚠ WARNING

When a fault arises, switch the camera off and then remove the batteries and disconnect the AC power adapter.
Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

Unplug from power socket.

Do not allow water or foreign objects to enter the camera.
If water or foreign objects get inside the camera, switch the camera off, remove the battery and disconnect and unplug the AC power adapter.
Continued use of the camera can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

Do not place the camera on an unstable surface.
This can cause the camera to fall or tip over and cause injury.

Do not use the camera in the bathroom or shower.
This can cause a fire or electric shock.

Do not use in the bathroom or shower.

⚠ WARNING

Never attempt to modify or disassemble the camera. (Never open the casing.)

Do not use the camera when it has been dropped or the casing is damaged.

This can cause a fire or electric shock.

● Contact your FUJIFILM dealer.

Never attempt to take pictures while in motion.

Do not use the camera while you are walking or operating a moving car or other vehicle.

This can result in you falling down or being involved in a traffic accident.

Do not heat, modify or attempt to disassemble the batteries.
Do not drop or subject the batteries to impacts.
Do not attempt to recharge lithium or alkaline batteries.
Do not store the batteries with metallic products.

Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.

⚠ WARNING

Do not touch any metal parts of the camera during a thunderstorm.

This can cause an electric shock due to induced current from the lightning discharge.

Do not use the batteries except as specified.

Load the batteries with the poles positioned as indicated by the ⊕ and ⊖ marks.

Use only the batteries or AC power adapter specified for use with this camera.

The use of other power sources can cause a fire.

If the battery leaks and fluid gets into your eyes or comes into contact with your skin or clothing, this can cause injury or loss of eyesight. Immediately flush the affected area thoroughly with clean water and seek medical treatment.

When discarding or storing batteries, cover the battery terminals with insulation tape.

● Contact with other metallic objects or batteries could cause the batteries to ignite or burst.

⚠ WARNING

Keep xD-Picture Cards out of the reach of small children.

Because xD-Picture Cards are small, they can be accidentally swallowed by small children. Be sure to store xD-Picture Cards out of the reach of small children. If a child accidentally swallows an xD-Picture Card, seek medical advice immediately

⚠ CAUTION

Keep out of the reach of small children.

This product could cause injury in the hands of a child.

Do not use this camera in locations severely affected by oil fumes, steam, humidity or dust.

This can cause a fire or electric shock.

Do not leave this camera in places subject to extremely high temperatures.

Do not leave the camera in locations such as a sealed vehicle or in direct sunlight.

This can cause a fire.

Do not place heavy objects on the camera.

This can cause the heavy object to tip over or fall and cause injury.

Do not move the camera while the AC power adapter is still connected.

This can damage the power cord or cables and cause a fire or electric shock.

⚠ CAUTION

Do not cover or wrap the camera or the AC power adapter in a cloth or quilt.

This can cause heat to build up and distort the casing or cause a fire.

Remove the batteries and disconnect the AC power adapter when you are cleaning the camera or if you intend to leave the camera unused for a long period.

Failure to do so can cause a fire or electric shock.

Using a flash too close to a person's eyes may temporarily affect the eyesight.

Take particular care when photographing infants and young children.

When an xD-Picture Card is removed, the card may fly completely out of the slot. Use your finger to stop the card flying out before removing the card.

If an xD-Picture Card is allowed to fly out, it could hit someone and cause injury.

⚠ CAUTION

Request regular internal testing and cleaning for your camera.

Build-up of dust in your camera can cause a fire or electric shock.

- Contact your FUJIFILM dealer to request internal cleaning every 2 years.

IMPORTANT

Be sure to read this page before using theSoftware.

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